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# SUPPLEMENT

TO THE

THIRTY-THIRD ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES BEING PARTLY FOR THE FISCAL YEAR ENDED JUNE 30, 1900, AND PARTLY FOR THE CALENDAR YEAR 1900.

# MARINE

## REPORTS

OF THE

## HARBOUR COMMISSIONERS

FOR

TORONTO, MONTREAL, QUEBEC, THREE RIVERS, BELLEVILLE, NORTH SYDNEY AND PICTOU

THE PILOTAGE AUTHORITIES

THE HARBOUR AND SHIPPING MASTERS, CERTAIN PORT WARDENS, TOGETHER WITH STATEMENT OF WRECKS AND CASUALTIES.

CHIEFLY UP TO THE

31st DAY OF DECEMBER, 1900.

*PRINTED BY ORDER OF PARLIAMENT*

OTTAWA
PRINTED BY S. E. DAWSON, PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1901

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TILDEN FOUNDATIONS
1902

OTTAWA, September, 1901.

Hon. Sir LOUIS HENRY DAVIES, K.C.M.G.,
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith the Supplement to the thirty-third Annual Report of the Marine Branch of the Department of Marine and Fisheries, being for the year 1900, containing a statement of merchant shipping, wrecks and casualties, list of certificates granted to masters and mates; the reports of the harbour commissioners of Toronto, Belleville, Montreal, Quebec, Three Rivers and North Sydney; list of harbour masters; reports of harbour masters generally; reports of pilotage commissioners; reports of port wardens, and list of shipping masters.

I have the honour to be, sir,
Your obedient servant,

F. GOURDEAU,
*Deputy Minister Marine and Fisheries.*

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STATEMENT showing the number of Vessels and number of Tons on the Registry Books, &c.—*Concluded.*

PROVINCE OF ONTARIO—*Concluded.*

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| Saugeen | 10 | 10 | 616 | 404 |
| Sault St. Marie | 28 | 23 | 758 | 857 |
| St. Catharines | 93 | 53 | 4,469 | 11,325 |
| Toronto | 275 | 218 | 19,805 | 17,552 |
| Wallaceburg | 28 | 16 | 1,106 | 1,865 |
| Whitby | 3 | Nil. | Nil. | 514 |
| Windsor | 56 | 29 | 7,516 | 6,297 |
| Total | 1,610 | 1,064 | 111,083 | 141,112 |

PROVINCE OF PRINCE EDWARD ISLAND.

| | | | | |
|---|---|---|---|---|
| Charlottetown | 176 | 21 | 3,966 | 14,251 |

PROVINCE OF BRITISH COLUMBIA.

| | | | | |
|---|---|---|---|---|
| New Westminster | 140 | 87 | 10,801 | 8,962 |
| Vancouver | 124 | 91 | 15,654 | 12,717 |
| Victoria | 251 | 136 | 29,779 | 29,416 |
| Total | 515 | 314 | 56,234 | 51,095 |

PROVINCE OF MANITOBA.

| | | | | |
|---|---|---|---|---|
| Winnipeg | 128 | 84 | 6,146 | 7,147 |

YUKON TERRITORY.

| | | | | |
|---|---|---|---|---|
| Dawson | 11 | 11 | 3.647 | 2,268 |

SUMMARY.

| | | | | |
|---|---|---|---|---|
| New Brunswick | 927 | 122 | 10,247 | 78,708 |
| Nova Scotia | 2,121 | 155 | 18,243 | 226,817 |
| Quebec | 1,247 | 330 | 83,530 | 138,136 |
| Ontario | 1,610 | 1,064 | 111,083 | 141,112 |
| P. E. Island | 176 | 21 | 3,966 | 14,251 |
| British Columbia | 515 | 314 | 56,234 | 51,095 |
| Manitoba | 128 | 84 | 6,146 | 7,147 |
| Yukon Territory | 11 | 11 | 3,647 | 2,268 |
| Total | 6,735 | 2,101 | 293,096 | 659,534 |

STATEMENT showing the number of Vessels and number of Tons on the Registry Books, &c.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Concluded.*

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| Lunenburg | 298 | 6 | 423 | 25,872 |
| Maitland | 19 | Nil. | Nil. | 14,836 |
| Parrsboro' | 130 | 1 | 189 | 29,612 |
| Pictou | 56 | 19 | 1,110 | 5,785 |
| Port Hawkesbury | 81 | 2 | 43 | 2,594 |
| Port Medway | 18 | 1 | 138 | 1,599 |
| Shelburne | 101 | 3 | 68 | 5,619 |
| Sydney | 97 | 13 | 802 | 6,358 |
| Truro | 2 | Nil. | Nil. | 160 |
| Weymouth | 35 | 1 | 21 | 2,782 |
| Windsor | 110 | 15 | 2,663 | 57,525 |
| Yarmouth | 197 | 23 | 4,528 | 25,084 |
| Total | 2,121 | 155 | 18,243 | 226,817 |

PROVINCE OF QUEBEC.

| | | | | |
|---|---|---|---|---|
| Amherst (Magdalen Islands) | 18 | Nil. | Nil. | 639 |
| Gaspé | 33 | 1 | 709 | 1,959 |
| Montreal | 560 | 197 | 60,934 | 91,308 |
| Paspebiac | 11 | 3 | 88 | 873 |
| Quebec | 625 | 139 | 21,799 | 43,367 |
| Total | 1,247 | 330 | 83,530 | 138,136 |

PROVINCE OF ONTARIO.

| | | | | |
|---|---|---|---|---|
| Amherstburg | 6 | 3 | 63 | 160 |
| Belleville | 24 | 17 | 622 | 935 |
| Bowmanville | 3 | Nil. | Nil. | 609 |
| Brockville | 23 | 22 | 478 | 301 |
| Chatham | 29 | 18 | 883 | 1,518 |
| Chippewa | 3 | 2 | 263 | 153 |
| Cobourg | 6 | 1 | 23 | 586 |
| Collingwood | 71 | 69 | 7,405 | 5,457 |
| Cornwall | 3 | 3 | 198 | 128 |
| Deseronto | 16 | 12 | 1,315 | 1,110 |
| Dunnville | 1 | 1 | 87 | 57 |
| Goderich | 46 | 28 | 859 | 1,928 |
| Hamilton | 48 | 41 | 6,060 | 4,987 |
| Kingston | 170 | 79 | 13,329 | 24,432 |
| Lindsay | 39 | 39 | 1,552 | 1,455 |
| Napanee | 1 | Nil. | Nil. | 122 |
| Oakville | 2 | Nil. | Nil. | 126 |
| Ottawa | 359 | 196 | 18,197 | 27,947 |
| Owen Sound | 44 | 41 | 6,226 | 4,419 |
| Peterboro' | 31 | 27 | 954 | 841 |
| Picton | 18 | 8 | 1,786 | 2,113 |
| Port Arthur | 19 | 19 | 3,167 | 2,050 |
| Port Burwell | 6 | 4 | 43 | 129 |
| Port Colborne | 3 | 2 | 92 | 321 |
| Port Dover | 14 | 7 | 201 | 709 |
| Port Hope | 50 | 30 | 2,662 | 4,701 |
| Port Rowan | 6 | 1 | 15 | 283 |
| Port Stanley | 7 | 7 | 1,164 | 739 |
| Prescott | 40 | 18 | 1,251 | 7,173 |
| Sarnia | 29 | 20 | 7,918 | 6,809 |

STATEMENT showing the number of Vessels and number of Tons on the Registry Books, &c.—*Concluded.*

PROVINCE OF ONTARIO—*Concluded.*

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| Saugeen | 10 | 10 | 616 | 404 |
| Sault St. Marie | 28 | 23 | 758 | 857 |
| St. Catharines | 93 | 53 | 4,469 | 11,325 |
| Toronto | 275 | 218 | 19,805 | 17,552 |
| Wallaceburg | 28 | 16 | 1,106 | 1,865 |
| Whitby | 3 | Nil. | Nil. | 514 |
| Windsor | 56 | 29 | 7,516 | 6,297 |
| Total | 1,610 | 1,064 | 111,083 | 141,112 |

PROVINCE OF PRINCE EDWARD ISLAND.

| | | | | |
|---|---|---|---|---|
| Charlottetown | 176 | 21 | 3,966 | 14,251 |

PROVINCE OF BRITISH COLUMBIA.

| | | | | |
|---|---|---|---|---|
| New Westminster | 140 | 87 | 10,801 | 8,962 |
| Vancouver | 124 | 91 | 15,654 | 12,717 |
| Victoria | 251 | 136 | 29,779 | 29,416 |
| Total | 515 | 314 | 56,234 | 51,095 |

PROVINCE OF MANITOBA.

| | | | | |
|---|---|---|---|---|
| Winnipeg | 128 | 84 | 6,146 | 7,147 |

YUKON TERRITORY.

| | | | | |
|---|---|---|---|---|
| Dawson | 11 | 11 | 3.647 | 2,268 |

SUMMARY.

| | | | | |
|---|---|---|---|---|
| New Brunswick | 927 | 122 | 10,247 | 78,708 |
| Nova Scotia | 2,121 | 155 | 18,243 | 226,817 |
| Quebec | 1,247 | 330 | 83,530 | 138,136 |
| Ontario | 1,610 | 1,064 | 111,083 | 141,112 |
| P. E. Island | 176 | 21 | 3,966 | 14,251 |
| British Columbia | 515 | 314 | 56,234 | 51,095 |
| Manitoba | 128 | 84 | 6,146 | 7,147 |
| Yukon Territory | 11 | 11 | 3,647 | 2,268 |
| Total | 6,735 | 2,101 | 293,096 | 659,534 |

COMPARATIVE STATEMENT showing the number of Vessels and number of Tons on from 1874 to 1900,

| Provinces. | 1874. | | 1875. | | 1876. | | 1877. | |
|---|---|---|---|---|---|---|---|---|
| | Number of Vessels. | Registered or net Tonnage. | Number of Vessels. | Registered or net Tonnage. | Number of Vessels. | Registered or net Tonnage. | Number of Vessels. | Registered or net Tonnage. |
| New Brunswick | 1,144 | 294,741 | 1,133 | 307,926 | 1,154 | 324,513 | 1,133 | 329,457 |
| Nova Scotia | 2,787 | 479,669 | 2,786 | 505,144 | 2,867 | 529,252 | 2,961 | 541,579 |
| Quebec | 1,837 | 218,946 | 1,831 | 222,965 | 1,902 | 228,502 | 1,951 | 248,399 |
| Ontario | 815 | 113,008 | 825 | 114,990 | 889 | 123,947 | 926 | 131,761 |
| Prince Edward Island | 312 | 48,388 | 335 | 50,677 | 338 | 50,692 | 342 | 55,547 |
| British Columbia | 35 | 3,611 | 40 | 3,685 | 40 | 3,809 | 43 | 3,479 |
| Manitoba | ..... | ..... | 2 | 178 | 2 | 178 | 6 | 246 |
| Total | 6,930 | 1,158,363 | 6,952 | 1,205,565 | 7,192 | 1,260,893 | 7,362 | 1,310,468 |

| | 1883. | | 1884. | | 1885. | | 1886. | |
|---|---|---|---|---|---|---|---|---|
| New Brunswick | 1,107 | 315,906 | 1,096 | 308,132 | 1,060 | 288,589 | 1,042 | 269,224 |
| Nova Scotia | 3,037 | 541,715 | 2,942 | 544,048 | 2,988 | 541,832 | 2,929 | 526,921 |
| Quebec | 1,739 | 216,577 | 1,628 | 202,842 | 1,631 | 203,635 | 1,650 | 232,556 |
| Ontario | 1,133 | 140,972 | 1,184 | 142,387 | 1,223 | 144,487 | 1,248 | 140,929 |
| Prince Edward Island | 241 | 49,446 | 234 | 39,213 | 227 | 36,010 | 225 | 30,658 |
| British Columbia | 94 | 9,046 | 116 | 11,403 | 123 | 11,834 | 134 | 11,900 |
| Manitoba | 24 | 2,778 | 55 | 5,722 | 63 | 5,439 | 65 | 5,578 |
| Total | 7,374 | 1,276,440 | 7,254 | 1,253,747 | 7,315 | 1,231,856 | 7,294 | 1,217,766 |

| | 1892. | | 1893. | | 1894. | | 1895. | |
|---|---|---|---|---|---|---|---|---|
| New Brunswick | 946 | 181,779 | 1,010 | 156,086 | 1,003 | 136,257 | 975 | 122,417 |
| Nova Scotia | 2,731 | 425,690 | 2,715 | 396,263 | 2,710 | 371,435 | 2,683 | 343,356 |
| Quebec | 1,408 | 162,638 | 1,426 | 161,121 | 1,427 | 160,590 | 1,454 | 158,776 |
| Ontario | 1,347 | 141,750 | 1,370 | 146,665 | 1,480 | 148,525 | 1,508 | 148,609 |
| Prince Edward Island | 196 | 22,706 | 188 | 20,970 | 191 | 19,650 | 190 | 19,323 |
| British Columbia | 298 | 23,448 | 315 | 24,900 | 336 | 26,455 | 346 | 25,988 |
| Manitoba | 81 | 6,118 | 89 | 6,534 | 98 | 6,715 | 106 | 7,307 |
| Yukon District | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total | 7,007 | 964,129 | 7,113 | 812,539 | 7,245 | 869,624 | 7,262 | 825,836 |

the Registry Books of the Dominion of Canada, on December 31, in each year, both inclusive.

| 1878. | | 1879. | | 1880. | | 1881. | | 1882. | |
|---|---|---|---|---|---|---|---|---|---|
| Number of Vessels. | Registered or net Tonnage. | Number of Vessels. | Registered or net Tonnage. | Number of Vessels. | Registered or net Tonnage. | Number of Vessels. | Registered or net Tonnage. | Number of Vessels. | Registered or net Tonnage. |
| 1,142 | 335,965 | 1,135 | 340,491 | 1,097 | 336,976 | 1,087 | 333,215 | 1,065 | 308,980 |
| 3,003 | 553,368 | 2,975 | 552,159 | 2,977 | 550,448 | 3,025 | 558,911 | 2,026 | 546,778 |
| 1,676 | 248.349 | 1,975 | 246,025 | 1,889 | 233,341 | 1,830 | 224,936 | 1,754 | 215,804 |
| 958 | 135,440 | 1,006 | 136,987 | 1,042 | 137,481 | 1,081 | 139,998 | 1,112 | 137,061 |
| 322 | 54,250 | 298 | 49,807 | 288 | 45,931 | 273 | 45,410 | 248 | 41,684 |
| 51 | 4,482 | 60 | 4,701 | 63 | 5,049 | 74 | 6,296 | 84 | 7,687 |
| 17 | 1,161 | 22 | 1,924 | 21 | 1,992 | 24 | 2,130 | 23 | 2,783 |
| 7,469 | 1,333,015 | 7,471 | 1,332,094 | 7,377 | 1,311,218 | 7,394 | 1,310,896 | 7,312 | 1,260,777 |

| 1887. | | 1888. | | 1889. | | 1890. | | 1891. | |
|---|---|---|---|---|---|---|---|---|---|
| 1,027 | 255,126 | 1,009 | 239,332 | 1,013 | 218,873 | 981 | 209,460 | 969 | 193,193 |
| 2,845 | 498,878 | 2,851 | 485,709 | 2,855 | 464,431 | 2,793 | 464,194 | 2,778 | 461,758 |
| 1,586 | 189,064 | 1,498 | 178,520 | 1,455 | 168,500 | 1,399 | 164,003 | 1,404 | 162,330 |
| 1,275 | 139,548 | 1,330 | 139,502 | 1,352 | 141,839 | 1,312 | 138,738 | 1.345 | 138,914 |
| 225 | 29,031 | 218 | 26,586 | 224 | 25,506 | 231 | 26,080 | 195 | 23,316 |
| 149 | 12,789 | 167 | 14,249 | 176 | 15,241 | 196 | 16,024 | 246 | 19,767 |
| 71 | 5,871 | 69 | 5,744 | 77 | 6,091 | 79 | 6,475 | 78 | 6,197 |
| 7,178 | 1,130,247 | 7,142 | 1,089,642 | 7,153 | 1,040,481 | 6,991 | 1,024,974 | 7,015 | 1,005,475 |

| 1896. | | 1897. | | 1898. | | 1899. | | 1900. | |
|---|---|---|---|---|---|---|---|---|---|
| 964 | 115,506 | 923 | 103,584 | 903 | 89,257 | 920 | 86,288 | 927 | 78,708 |
| 2,669 | 317,526 | 2,204 | 283,056 | 2,167 | 262,176 | 2,121 | 243,457 | 2,121 | 226,817 |
| 1,469 | 158,649 | 1,480 | 158.077 | 1,378 | 144,447 | 1,375 | 144,586 | 1,247 | 138,136 |
| 1,525 | 146,522 | 1,424 | 135,349 | 1,452 | 134,180 | 1,488 | 135,234 | 1,610 | 141,112 |
| 174 | 16,540 | 174 | 15,812 | 178 | 15,979 | 171 | 14,660 | 176 | 14,251 |
| 363 | 26,622 | 364 | 28,604 | 444 | 40,304 | 488 | 44,415 | 515 | 51,095 |
| 115 | 7,934 | 115 | 7,272 | 121 | 7,439 | 126 | 9,108 | 128 | 7,147 |
| ..... | ..... | ..... | ..... | ..... | ..... | 9 | 1,604 | 11 | 2,268 |
| 7,279 | 789,299 | 6,684 | 731,754 | 6,643 | 693,782 | 6,698 | 679,352 | 6,735 | 659,534 |

LIST of Ports at which Vessels may be Registered, showing the number of New Vessels Built and Registered in the Dominion of Canada during the year ended December 31, 1900.

PROVINCE OF NEW BRUNSWICK.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| Chatham | 10 | 352 |
| Dorchester | Nil. | Nil. |
| Moncton | Nil. | Nil. |
| Richibucto | Nil. | Nil. |
| Sackville | Nil. | Nil. |
| St. Andrews | Nil. | Nil. |
| St. John | 12 | 410 |
| Total | 22 | 762 |

PROVINCE OF NOVA SCOTIA.

| | | |
|---|---|---|
| Amherst | Nil. | Nil. |
| Annapolis | 4 | 540 |
| Arichat | 7 | 262 |
| Barrington | Nil. | Nil. |
| Canso | 5 | 74 |
| Digby | 11 | 222 |
| Guysboro' | Nil. | Nil. |
| Halifax | 5 | 174 |
| Liverpool | 9 | 1,110 |
| Lunenburg | 39 | 3,707 |
| Maitland | 1 | 264 |
| Parrsboro' | 8 | 881 |
| Pictou | 2 | 552 |
| Port Hawkesbury | 2 | 46 |
| Port Medway | 2 | 250 |
| Shelburne | 9 | 726 |
| Sydney | Nil. | Nil. |
| Truro | Nil. | Nil. |
| Weymouth | 4 | 124 |
| Windsor | 3 | 234 |
| Yarmouth | 6 | 250 |
| Total | 117 | 9,416 |

PROVINCE OF QUEBEC.

| | | |
|---|---|---|
| Amherst, (Magdalen Islands) | Nil. | Nil. |
| Gaspé | Nil. | Nil. |
| Montreal | 23 | 2,990 |
| Paspebiac | 1 | 20 |
| Quebec | 26 | 1,291 |
| Total | 50 | 4,301 |

PROVINCE OF BRITISH COLUMBIA.

| | | |
|---|---|---|
| New Westminster | 17 | 2,050 |
| Vancouver | 17 | 591 |
| Victoria | 9 | 1,196 |
| Total | 43 | 3,837 |

PROVINCE OF MANITOBA.

| | | |
|---|---|---|
| Winnipeg | 3 | 109 |

## PROVINCE OF ONTARIO.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| Amherstburg | Nil. | Nil. |
| Belleville | Nil. | Nil. |
| Bowmanville | Nil. | Nil. |
| Brockville | Nil. | Nil. |
| Chatham | Nil. | Nil. |
| Chippewa | Nil. | Nil. |
| Cobourg | Nil. | Nil. |
| Collingwood | 2 | 28 |
| Cornwall | Nil. | Nil. |
| Deseronto | Nil. | Nil. |
| Dunnville | Nil. | Nil. |
| Goderich | 3 | 95 |
| Hamilton | 1 | 2 |
| Kingston | 4 | 315 |
| Lindsay | 6 | 65 |
| Napanee | Nil. | Nil. |
| Oakville | Nil. | Nil. |
| Ottawa | 10 | 2,019 |
| Owen Sound | 5 | 714 |
| Peterboro | 3 | 56 |
| Picton | Nil. | Nil. |
| Port Arthur | 1 | 6 |
| Port Burwell | 1 | 5 |
| Port Colborne | Nil. | Nil. |
| Port Dover | 1 | 17 |
| Port Hope | Nil. | Nil. |
| Port Rowan | Nil. | Nil. |
| Port Stanley | Nil. | Nil. |
| Prescott | Nil. | Nil. |
| Sarnia | Nil. | Nil. |
| Saugeen | 2 | 78 |
| Sault Ste. Marie | 2 | 29 |
| St. Catharines | 4 | 46 |
| Toronto | 13 | 262 |
| Wallaceburg | Nil. | Nil. |
| Whitby | Nil. | Nil. |
| Windsor | Nil. | Nil. |
| Total | 58 | 3,737 |

## PROVINCE OF PRINCE EDWARD ISLAND.

| | | |
|---|---|---|
| Charlottetown | 3 | 106 |

## YUKON TERRITORY.

| | | |
|---|---|---|
| Dawson | 1 | 61 |

## SUMMARY.

| | | |
|---|---|---|
| New Brunswick | 22 | 762 |
| Nova Scotia | 117 | 9,416 |
| Quebec | 50 | 4,301 |
| Ontario | 58 | 3,737 |
| Prince Edward Island | 3 | 106 |
| British Columbia | 43 | 3,837 |
| Manitoba | 3 | 109 |
| Yukon Territory | 1 | 61 |
| Total | 297 | 22,329 |

COMPARATIVE STATEMENT of New Vessels Built and Registered in the Dominion

| Provinces. | 1874. | | 1875. | | 1876. | | 1877. | | 1878. | | 1879. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. |
| New Brunswick | 90 | 42,027 | 65 | 33,483 | 61 | 31,040 | 54 | 31,158 | 56 | 27,368 | 43 | 19,067 |
| Nova Scotia | 175 | 84,480 | 177 | 67,106 | 194 | 58,771 | 219 | 47,980 | 166 | 49,784 | 126 | 39,208 |
| Quebec | 73 | 20,796 | 103 | 22,825 | 51 | 17,800 | 62 | 19,253 | 46 | 10,870 | 29 | 7,421 |
| Ontario | 50 | 10,797 | 53 | 7,760 | 47 | 5,397 | 28 | 3,316 | 30 | 2,409 | 42 | 2,464 |
| Prince Edward Island | 88 | 24,634 | 83 | 19,838 | 62 | 14,571 | 62 | 17,026 | 38 | 10,382 | 20 | 5,279 |
| British Columbia | 5 | 276 | .... | ..... | 1 | 121 | 2 | 204 | 2 | 45 | 5 | 788 |
| Manitoba | ... | ..... | .... | ..... | .... | ..... | 3 | 48 | 1 | 15 | ... | ..... |
| | 490 | 183,010 | 480 | 151,012 | 416 | 127,700 | 430 | 118,985 | 339 | 100,873 | 265 | 74,227 |
| Add new vessels built in Canada which proceeded to the United Kingdom under a Governor's pass without being registered | 6 | 7,746 | .... | ..... | 3 | 2,721 | 2 | 1,943 | 1 | 663 | ... | ..... |
| Add new vessels which left Quebec for registration in Germany | .... | ..... | .... | ..... | 1 | 480 | .... | ..... | ... | ..... | .... | ..... |
| Total | 496 | 190,756 | 480 | 151,012 | 420 | 130,901 | 432 | 120,928 | 340 | 101,536 | 265 | 74,227 |

| Provinces. | 1887. | | 1888. | | 1889. | | 1890. | | 1891. | | 1892. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. |
| New Brunswick | 18 | 2,909 | 32 | 2,530 | 50 | 4,792 | 35 | 5,572 | 43 | 6,296 | 21 | 1,873 |
| Nova Scotia | 87 | 12,310 | 116 | 12,965 | 126 | 19,645 | 150 | 33,907 | 130 | 35,528 | 105 | 16,446 |
| Quebec | 28 | 2,888 | 23 | 2,669 | 27 | 3,759 | 25 | 4,880 | 46 | 4,200 | 34 | 2,620 |
| Ontario | 66 | 2,993 | 62 | 5,095 | 45 | 3,259 | 41 | 4,917 | 44 | 2,662 | 34 | 3,684 |
| Prince Edward Island | 7 | 601 | 12 | 1,412 | 12 | 1,503 | 12 | 2,008 | 5 | 1,000 | 9 | 967 |
| British Columbia | 9 | 376 | 18 | 448 | 12 | 840 | 15 | 876 | 41 | 2,364 | 46 | 2,887 |
| Manitoba | 8 | 439 | 1 | 11 | 8 | 548 | 7 | 218 | 3 | 122 | 6 | 296 |
| Yukon Territory | .... | ..... | .... | ..... | .... | ..... | ... | ..... | .... | ..... | ... | ..... |
| Total | 224 | 22,516 | 264 | 25,130 | 280 | 34,346 | 285 | 52,378 | 312 | 52,145 | 255 | 28,773 |

of Canada, on December 31, in each year, from 1874 to 1900, both inclusive.

| 1880. | | 1881. | | 1882. | | 1883. | | 1884. | | 1885. | | 1886. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. |
| 63 | 18,896 | 57 | 18,259 | 66 | 16,820 | 72 | 21,103 | 46 | 12,888 | 34 | 7,736 | 34 | 4,931 |
| 126 | 31,257 | 150 | 40,465 | 117 | 26,711 | 202 | 35,765 | 178 | 42,032 | 102 | 24,703 | 93 | 20,948 |
| 33 | 8,219 | 56 | 5,673 | 26 | 6,785 | 42 | 6,594 | 32 | 3,815 | 29 | 4,556 | 27 | 2,683 |
| 44 | 3,610 | 54 | 6,111 | 55 | 4,369 | 34 | 4,311 | 58 | 4,446 | 45 | 4,509 | 52 | 2,075 |
| 21 | 3,359 | 15 | 4,351 | 15 | 8,508 | 17 | 5,343 | 21 | 5,189 | 11 | 1,707 | 12 | 1,318 |
| ..... | ..... | 2 | 85 | 8 | 1,631 | 5 | 849 | 15 | 675 | 6 | 648 | 8 | 154 |
| 1 | 100 | 3 | 116 | 1 | 289 | 2 | 125 | 37 | 3,366 | 13 | 320 | 3 | 98 |
| 271 | 65,441 | 336 | 74,060 | 288 | 60,113 | 374 | 74,090 | 387 | 72,411 | 240 | 43,179 | 229 | 32,207 |
| ..... | ..... | ..... | ..... | 1 | 1,029 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 271 | 65,441 | 336 | 74,060 | 289 | 61,142 | 374 | 74,090 | 387 | 72,411 | 240 | 43,179 | 229 | 32,207 |

| 1893. | | 1894. | | 1895. | | 1896. | | 1897. | | 1898. | | 1899. | | 1900. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. | Number of Vessels. | Registered or Net Tonnage. |
| 119 | 2,819 | 40 | 2,534 | 27 | 714 | 24 | 627 | 33 | 1,738 | 31 | 790 | 31 | 798 | 22 | 762 |
| 111 | 15,089 | 128 | 8,721 | 89 | 4,762 | 97 | 7,704 | 54 | 4,259 | 67 | 4,962 | 92 | 7,594 | 117 | 9,416 |
| 53 | 4,220 | 55 | 4,412 | 49 | 4,335 | 36 | 3,969 | 49 | 4,227 | 51 | 4,139 | 35 | 5,943 | 50 | 4,301 |
| 49 | 4,126 | 64 | 3,137 | 52 | 3,732 | 38 | 1,757 | 50 | 3,850 | 46 | 1,872 | 52 | 3,419 | 58 | 3,734 |
| 3 | 634 | 3 | 183 | 1 | 196 | 3 | 111 | 3 | 226 | 5 | 372 | 3 | 56 | 3 | 106 |
| 19 | 944 | 25 | 1,900 | 18 | 1,709 | 22 | 1,466 | 26 | 2,429 | 72 | 12,228 | 51 | 2,734 | 43 | 3,837 |
| 8 | 608 | 11 | 356 | 14 | 822 | 7 | 512 | 16 | 365 | 6 | 159 | 13 | 554 | 3 | 109 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 61 |
| 362 | 28,440 | 326 | 21,243 | 250 | 16,270 | 227 | 16,146 | 231 | 17,094 | 278 | 24,522 | 277 | 21,098 | 297 | 22,329 |

# APPENDIX No. 2.

## TORONTO HARBOUR COMMISSIONERS' REPORT FOR THE YEAR ENDED DECEMBER 31, 1900.

SECRETARY of the Toronto Harbour Trust in account with the Commissioners for the year ending December 31, 1900.

DR. GENERAL BALANCE SHEET. CR.

| | $ cts. | | $ cts |
|---|---|---|---|
| Wharf property | 43,073 72 | Profit and loss | 58,105 74 |
| Office furniture | 591 91 | | |
| Debenture Can. Per | 4,000 00 | | |
| Cash in bank | 10,423 91 | | |
| Cash in hand | 16 20 | | |
| | 58,105 74 | | 58,105 74 |

We have examined the books and vouchers and have compared the balance sheet as above, with the said books and vouchers, and we certify the same to be correct and to represent a true statement of the affairs of the Trust at this date, December 31, 1900.

W. R. HARRIS,
S. BRUCE HARMAN,
*Auditors.*

ARTHUR B. LEE, *Chairman*,
W. P. HUBBARD,
W. A. GEDDES,
J. T. MATTHEWS,
*Commissioners.*

COLIN W. POSTLETHWAITE,
*Harbour Master.*

TORONTO, January 1, 1901.

RECEIPTS and Expenditure of the Toronto Harbour Trust for the year 1900.

| RECEIPTS. | $ cts. | EXPENDITURE. | $ cts. |
|---|---|---|---|
| Cash in bank, January 1 | 5,619 02 | Charges | 450 00 |
| " hand " 1 | 7 55 | Insurance | 27 50 |
| Canadian Pacific Railway Company | 4,149 34 | Premium and interest | 125 00 |
| Harbour dues | 10,778 28 | Tools | 3 50 |
| City of Toronto, placing buoys | 66 67 | Salaries | 1,869 96 |
| Rents, boat sites at Don | 8 00 | Lights, buoys and beacons | 151 89 |
| Sale of old material | 315 00 | General repairs | 281 88 |
| Fine, Capt. McGrath | 20 00 | Printing and stationery | 38 89 |
| Interest on deposit account | 309 45 | Dredging | 3,604 88 |
| Premium and interest | 38 35 | Office expenses and rent | 789 90 |
| Commercial Union Assurance Co | 5,800 00 | Expenses clearing wharf after elevator fire | 38 65 |
| | | Solicitors' fees | 250 00 |
| | | Engineers' fees | 35 00 |
| | | Incidental repairs | 4 50 |
| | | Can. Per. debenture | 4,000 00 |
| | | Harbour bonds (matured) | 5,000 00 |
| | | Cash in bank | 10,423 91 |
| | | Cash in hand | 16 20 |
| | 27,111 66 | | 27,111 66 |

Examined and found correct,

W. R. HARRIS,
S. BRUCE HARMAN,
*Auditors.*

TORONTO, January 1, 1901.

Dr. PROFIT AND LOSS. CR.

| | $ cts. | | $ cts. |
|---|---|---|---|
| Charges | 450 00 | Balance from ledger | 50,092 20 |
| Insurance | 27 50 | Harbour dues | 10,778 28 |
| Premium and interest | 125 00 | Canadian Pacific Railway Company | 4,149 34 |
| Tools | 3 50 | Interest on deposit | 309 45 |
| Salaries | 1,869 96 | Sale of old material | 315 00 |
| Lights, buoys and beacons | 85 22 | Fine, Capt. McGrath | 20 00 |
| Repairs, general | 281 88 | Premium and interest | 38 35 |
| Printing and stationery | 38 89 | Rent, boat-house sites | 8 00 |
| Dredging | 3,604 88 | | |
| Office expenses and rent | 789 90 | | |
| Wages, cleaning wharf | 38 65 | | |
| Solicitors' fees | 250 00 | | |
| Engineers' fees | 35 00 | | |
| Incidental repairs | 4 50 | | |
| Balance to credit of profit and loss | 58,105 74 | | |
| | 65,710 62 | | 65,710 62 |

Examined and found correct,

W. R. HARRIS,
S. BRUCE HARMAN,
*Auditors.*

TORONTO, January 1, 1901.

STATEMENT OF ACCOUNTS FOR YEAR 1900 IN DETAIL.

| 1899. | PROPERTY ACCOUNT. | $ cts. | $ |
|---|---|---|---|
| Dec. 31.... | Amount per ledger folio 2 | ..... | 43,073 |
| | FURNITURE ACCOUNT. | | |
| " 31.... | Amount per ledger folio 3 | ..... | 591 |
| | GENERAL REPAIR ACCOUNT. | | |
| April 27.... | Lumber, repairing Queen's Wharf | 135 40 | |
| May 21.... | 1 keg wire nails | 3 60 | |
| June —.... | Wages, carpenter and man | 109 68 | |
| " —.... | Cartage of lumber, &c | 2 00 | |
| Oct. 29.... | Ads. for tenders for repairs at Queen's Wharf | 31 20 | |
| | | | 281 |
| 1900. | INSURANCE ACCOUNT. | | |
| Jan. 31.... | Premium on light-houses | 17 50 | |
| " 31.... | " store-house | 10 00 | |
| | | | 27 |
| | SALARY ACCOUNT. | | |
| Dec. 24.... | C. W. Postlethwaite, harbour master | 1,110 00 | |
| " 24.... | William Hall, deputy harbour master | 759 96 | |
| | | | 1,869 |
| | OFFICE EXPENSE ACCOUNT. | | |
| April 25.... | Charts of Great Lakes and mounting same | 4 25 | |
| May 5.... | Repairing map of the harbour | 4 00 | |
| " 5.... | Plumbing, deputy harbour master's house | 1 10 | |
| Sept. —.... | Waterworks account for years's supply | 4 10 | |
| Oct. 6.... | Subscription to *Globe* for year | 5 00 | |
| " 8.... | Arcade Printing Company, water-guage report forms | 3 00 | |
| Dec. 26.... | Diaries for office and wharf | 2 75 | |
| " 26.... | Petty cash, Xmas boxes, stamps, &c. | 24 20 | |
| " 26... | Office rent for 12 months | 650 00 | |
| " 26.... | Rent of two telephones for 12 months | 90 00 | |
| | | | 789 |
| | DREDGING ACCOUNT. | | |
| May 21.... | Advertising for tenders | 36 00 | |
| ..... | McNamee & Simpson, contractors | 3,331 32 | |
| ..... | Kivas Tully, engineer | 165 56 | |
| ..... | J. B. Allen, check clerk | 72 00 | |
| | | | 3,604 |
| | INTEREST ACCOUNT. | | |
| May 31.... | Interest on deposit in Bank of Toronto | 140 80 | |
| Nov. 30.... | " " | 168 65 | |
| | | | 309 |
| | FEES. | | |
| ..... | Kivas Tully, professional services | 35 00 | |
| ..... | McCarthy, Osler, Hoskins & Creelman, professional services | 250 00 | |
| | | | 285 |
| | CHARGES. | | |
| Jan. 31 ... | Bonus to harbour master and deputy | 150 00 | |
| Dec. 24.... | Commissioners' and auditors' fees | 300 00 | |
| | | | 450 |

STATEMENT OF ACCOUNTS FOR YEAR 1900 IN DETAIL—*Concluded.*

| 1900. | | $ cts. | $ cts. |
|---|---|---|---|
| | PRINTING AND STATIONERY. | | |
| Jan. 31.. | Arcade Printing Company, annual statements | 15 00 | |
| April 27 .. | " " 1,200 manifest forms | 5 00 | |
| May 5.... | Box Davis' pens | 1 50 | |
| " 5... | 2 bottles ink and 1 bottle red ink | 1 75 | |
| Nov. 9 . | Copp, Clarke Company, office letter paper | 6 50 | |
| ..... | Petty cash, stamps, &c. | 9 14 | |
| | | | 38 89 |
| | LIGHTS, BUOYS AND BEACONS. | | |
| April 27.... | Paint and oil for Can. buoys | 11 27 | |
| May 21.... | Notice to ariners and posting same | 10 34 | |
| Oct. 31.... | New dinghy for Queen's Wharf | 40 00 | |
| Dec. 14.... | Placing buoys per contract | 43 00 | |
| " 14 ... | Gas for light-houses for year | 42 48 | |
| " 14.... | Various soundings | 4 80 | |
| | | 151 89 | |
| July 6... | Paid by city for placing buoys, per agreement | 66 67 | |
| | | | 85 22 |
| | DEBENTURE ACCOUNT. | | |
| " 1.... | Paid five Harbour bonds, $1,000 each | 5,000 00 | |
| ..... | Half year's interest at 5 per cent per annum. | 125 00 | |
| | | | 5,125 00 |
| | SALE OF OLD MATERIAL. | | |
| Aug. —.... | Sale of stone, sheet iron, iron bolts and rods from elevator fire | ..... | 315 00 |
| | RENTS ACCOUNTS. | | |
| Oct. —.... | Rent collected from lessees of boat-house sites on commissioner's property at Don at $1 a piece | ..... | 8 00 |

COMPARATIVE STATEMENT of Goods arrived per Steamer and Sailing Vessel for Years 1899 and 1900.

| Description of Goods. | | 1899. | 1900. |
|---|---|---|---|
| General merchandise | tons. | 18,918 | 20,294 |
| Coal | " | 187,715 | 164,806 |
| Wood | cords. | 109 | 1,283 |
| Lake stone | toise. | 2,909½ | 2,490 |
| Building stone | tons. | 523 | ..... |
| Fruit | brls. | 4,472 | 5,285 |
| " | boxes. | 4,271 | 4,709 |
| " | baskets. | 403,743 | 508,729 |
| " | bags. | 682 | 725 |
| Fire bricks | | 6,500 | 473,700 |
| Lumber | feet B.M. | 468,000 | ..... |
| Grain | bush. | 54,030 | ..... |
| Sheep, hogs and calves | | 36 | 155 |
| Horses, cattle and vehicles | | 183 | 122 |
| Oil in bulk | brls. | ..... | 25,000 |

COLIN W. POSTLETHWAITE,
*Harbour Master.*

FIFTIETH ANNUAL REPORT.

To the Commissioners of the Harbour of Toronto:

GENTLEMEN,—I have the honour to submit my annual report for the year 1900.

The harbour was clear of ice on the 8th April, the same day as last year, havi been closed to navigation for 101 days.

The harbour froze over on the 14th December, and became quite solid, but the i broke up again on the 26th December, and on 1st January there was open water.

The first arrival in the Spring was the Steam Barge *St. Joseph*, Captain Fra Conlin, on the 3rd April, 1900, with coal for Messrs. Dickson & Eddy. The last arrive was the schooner *Snow Bird*, Captain Alfred Thomas, on the 17th Decemb with stone. The Steam Barge *Gordon Jerry* is still bringing coal from the wreck Schooner *Au usta* near Port Credit.

The number of arrivals at this port during the season of 1900 is 3469, a decrease 179 as compared with 1899.

| | 1899. | 1900. | Increase. | Decrease. | Tonnage. | |
|---|---|---|---|---|---|---|
| | | | | | 1899. | 1900. |
| Propellers loaded | 376 | 457 | 81 | | 118,468 | 127,38 |
| " light | 30 | 33 | 3 | | | |
| Steamers loaded | 2,357 | 2,244 | | 113 | 923,265 | 909,93 |
| " light | 1 | 2 | 1 | | | |
| Schooners loaded | 876 | 724 | | 152 | 99,149 | 72,47 |
| " light | 8 | 9 | 1 | | | |
| | 3,648 | 3,469 | 86 | 265 | 1,140,882 | 1,109,78 |

The trade of this port, therefore, is about 2¼ million tons.

There are 65 vessels wintering here this season, viz.: 11 steamers, 15 schooners, 1 sailing yachts, 4 propellers, 9 steam launches, 4 steam tugs, 10 ferry steamers and dredges, representing in all about 12,780 tons register.

Cash receipts from all sources, including cash on hand from last year and $5,80 from The Commercial Union Assurance Co., insurance on burnt elevator, amount t $27,111.66.

Expenses of all kinds, including payment of five harbour bonds for $1,000 eacl and the purchase of a Canada Permanent Loan and Savings Co. bond for $4,000 amour to $16,671.55, leaving a cash balance of $10,440.11.

The coal receipts for this year by vessels are as below: anthracite coal 142,27 tons, bituminous coal 22,534 tons, in all 164,806 net tons, being a decrease of 22,90 tons compared with last year. This falling-off in the coal receipts is attributable to strike declared at the Pennsylvania mines on the 29th September, when 140,000 me quit their work. The strike continued seven or eight weeks, and when the mines wer again working it was too late in the season for the vessels to profit by the trade. Th total quantity of coal imported by rail and vessel into Toronto, during the year, pe returns from the Government at Ottawa, is as follows, viz.: Anthracite, 316,944 tons bituminous, including screenings, 444,666 tons; in all 761,610 as against 725,486½ i 1899.

The fruit trade continues to be a good source of revenue, 519,448 packages havin been brought to this port by water this year, as against 413,168 packages last yea resulting in an increase in dues amounting to $282.54 over last year.

Dredging has been done wherever trade required it, but the work has been chiefl confined to opening the channels leading to the coal docks, it being impossible to figh against the sand and mud flowing so copiously into the harbour from the river Don.

The highest water this year was 13 inches above zero on the 8th May, the lowest was 16 inches below zero on the 21st November, during a gale from the south-west. The average level for the year is 1½ inches above zero, half an inch below last year.

The lamps at the Queen's wharf were lighted for the first time in the Spring on the 9th April, and they were practically discontinued on 17th December, but the irregular trips of the *Gordon Jerry* have required a lighting up on two or three occasions since that date.

The buoys were placed out on the 24th April, and were taken in again on the 14th December.

The Government Engineer, in charge of the Harbour Works at the Eastern entrance to the harbour, reports as follows:

"Five cribs have been sunk in place in extension of west pier at Eastern entrance to the harbour, and some repairs done to the east pier at the south end. The dredge was employed during the past season in deepening the channel in the centre between the piers to 19.6 feet below zero of the gauge at Queen's Wharf.

"The fog-horn was sounded on 24 occasions, viz.: Thrice in April, once in May, twice in June, five times in July, once in September, six times in October, four times in November, and twice in December.

"There have been several disasters on Lake Ontario this season, not unattended with loss of life. The steamer *Picton* was lost with all hands, off Long Point, on 1st July; the schooners *T. R. Merritt* and *Al acore* were wrecked on 12th September, near Oswego; the *Fabiola* on 21st October, off the Main-Ducks; the *Fred. L. Wells*, off Oswego, on 6th November; the *Augusta* went ashore near Port Credit on 24th November, and the steam-barge *Jenny* struck the piers at Frenchman's Bay, and sank in shoal water, on the 21st November."

Repairs to the crib-work, on the east side of the road-way leading to the Queen's Wharf are now under contract, involving an expenditure of about $2,500. The contractors, Messrs. Medler & Arnot, are making satisfactory progress, and the work will, no doubt, be completed by the 14th January according to agreement.

A new business, that of carrying oil in bulk, in tank vessels, has been commenced this year, and it promises to develop into a trade of considerable importance. Twenty-five thousand barrels, or about one million gallons of oil in bulk, have been brought into this port this season, in tank vessels, and as the Queen City Oil Company have gone to considerable expense in attaching machinery to their wharf, for conveying oil to their reservoirs, the trade is not likely to decrease in the future.

The precipitation for the year, per information furnished by Mr. R. F. Stupart, Director of the Meteorological Observatory, is as follows, viz.: Rain, 22·130 inches; Snow, reduced to water, 74·6 inches; total 29·590 inches, or about half an inch more than in 1899.

I am, gentlemen,
Your obedient servant,

COLIN W. POSTLETHWAITE,
*Harbour Master.*

## TORONTO HARBOUR WORKS.

TORONTO, January 9, 1901.

SIR,—I have the honour to report that the following quantities of dredging were done at the wharfs and slips by Messrs. McNamee & Simpson, contractors, at the rate of 12c. per cubic yard, and as some portion of the dredging had to be dumped in 100 feet of water, as required by the Board of Health, the additional price was 6c. per cubic yard.

| | Cubic Yards. |
|---|---|
| Medlar & Arnot's Wharf | 1,397 |
| Elias Rogers & Co.'s Wharf and entrance | 11,911 |
| Princess Street Wharf and entrance | 7,898 |
| Scott Street Slip | 1,132 |
| Total | 22,338 |

There was also dredging at the Frederick Street Slip, which was done by the day, costing $142.50. Some dredging was done in the western channel in removing the deposit from the Bathurst Street sewer, by the sand pump belonging to the city, which was reported as incomplete last year. There was not any dredging done on the Range course.

Tenders were received on the 5th November, 1900, for repairs to the cribwork on the east side of the roadway to the Queen's Wharf as required by the Canadian Pacific Railway Company for their switch for unloading timber on the east side of the wharf. The tender of Messrs. Medlar & Arnot being the lowest was accepted, and the work is now nearly completed.

I remain,
Your obedient servant,

KIVAS TULLY,
*Engineer.*

A. B. LEE, Esq.,
Chairman Toronto Harbour Commissioners.

# APPENDIX No. 3.

## QUEBEC HARBOUR COMMISSIONERS' REPORT FOR THE YEAR ENDED DECEMBER 31, 1900.

*(Under the Quebec Harbour Commissioners Act, 1899.)*

QUEBEC, January 2, 1901.

To the Honourable
Sir L. H. DAVIES, M. P.,
Minister of Marine and Fisheries,
Ottawa.

SIR,—In compliance with the requirements of the Act 62-63 Victoria, chapter 34 (The Quebec Harbour Commissioners Act, 1899), I have the honour to report as follows on the doings of the Quebec Harbour Commissioners for the year 1900 :—

### CHIEF ENGINEER'S REPORT.

The annexed report (marked A) from the Chief Engineer, Mr. St. Geo. Boswell, conveys information in regard to all matters coming under his care, such as the progress made with the improvements to the river front, construction of new wharfs and sheds, and maintenance of the Commissioners' docks, wharfs, &c.

### WHARFINGER'S REPORT.

The annexed report (marked B), from the Wharfinger, Mr. Patrick Flynn, gives the usual information regarding the number of vessels using the Louise docks and the railway traffic over this portion of the Commissioners' property during the year 1900.

### HARBOUR MASTER'S REPORT.

The annexed report (marked C) from the harbour master, Mr. James C. Sullivan, gives information in regard to the opening and closing of navigation in the harbour, formation of ice, disposal of ballast, &c. During the past season no ballast was dumped into the river, all that was brought here, with the exception of one vessel which was discharged at Lévis, being utilized by the Commissioners in their works.

### PREMISES LEASED.

Renewals for one year of the premises leased were granted to the following tenants: Messrs. W. Carrier, store No. 11; E. M. Lennon & Co., stores No. 7 and 8; John S. Thom, store No. 10; Quebec Coal Co., Reynar's wharf; A. R. Pruneau & Co., Marmett's wharf; Whitehead & Turner, shed on Wellington wharf; E. C. Benson and Jos. Gingras, East India wharf and store No. 5; Fred Drouin, wood lots No. 1 and 2; A. E. Clint & Co., wood lots No. 3 and 12; Jas. C. O'Donnell, wood lots Nos. 5 and 6; and Julien Lapointe, wood lots Nos. 7 and 8.

The stone store formerly occupied by Messrs. Verret, Stewart & Co., was leased to the Ste. Thérèse Furniture Co. for one year, with a right of renewal for two more years.

Properties remaining unlet were the Atkinson's wharf and salt store on the East India wharf.

GREAT NORTHERN RAILWAY COMPANY.

*Elevator, Guarantee, &c.*—Modifications in the agreement by which the Commissioners guaranteed the interest at 3 per cent per annum on $200,000 of bonds to enable the Great Northern Railway Company to erect a grain elevator of not less than a million bushels capacity at this port, have been granted. The principal changes that were allowed were: the extending of time for the completion of the elevator and marine tower, and subdividing the guarantee so that $175,000 of it could be applied to the elevator building proper, and $25,000 to the marine tower. These modifications have received the sanction of the Dominion Parliament by the Act 63-64 Victoria, chapter 54.

*Elevator site.*—The ground granted to the Great Northern Railway Company having been found insufficient to construct an elevator of the capacity that they were bound to put up, additional ground was given to them, and they were also allotted a site on the inside of the cross wall for their marine tower.

The Commissioners are pleased to state that, both of these buildings (grain elevator and marine tower) have been completed and fitted up, and that the steamship *Albanian* of the Leland Line, loaded a full cargo of grain from this elevator in November last.

*Elevator approaches.*—In order to give better railway approaches to the elevator building, the commissioners have demolished a part of the old offices facing on Dalhousie Street, and have granted a lease to the Great Northern Railway Company, allowing of their laying tracks on the ground thus cleared. Particular care has been taken in this lease that the communication with the Louise docks and Pointe-à-Carcy wharf shall in no way be hampered.

*Workshops on embankment.*—Last year the Commissioners granted under long lease to the Great Northern Railway Company, a site at the north-western extremity of the Louise embankment for the erection of workshops in which their rolling stock would be built and repaired. The main building is now completed and fitted up and work is being carried on in it.

*Extension of time to establish a line of Steamers that will make Quebec their terminal point.*—By a resolution passed on April 23, the Commissioners extended the time limit to January 1, 1901, to the Great Northern Railway Company to establish a line of steamers that would make Quebec their terminal point, and would load here full cargoes of grain and other produce from Parry Sound or points on the Great Northern Railway. Sailings of such steamships to be not less frequent than once a fortnight. Compliance with this resolution would free this first line from the major portion of the Commissioners' harbour charges.

NEW WORKS AND WORKS UNDER CONSTRUCTION.

A new freight shed, four hundred and fifty-two feet in length by eighty feet in width has been constructed on the south Quay wall of tidal harbour at which there is thirty feet of water at low water. The cost of this shed has been $21,731.12.

*New Coal Wharf.*—The work of building a new coal wharf at the western end of the tidal harbour was commenced this spring and has nearly been completed. This wharf will have a frontage of four hundered feet, a minimum depth of twenty-five feet of water, and will give an area available for the reception of coal of fifty thousand superficial feet. Cost of construction to date has been $36,091.01.

*Extension of Pointe-à-Carcy Wharf.*—The work of extending this wharf so as to give it a frontage of 600 feet is now almost completed. The cost to date has been $176,862.10.

Full information in regard to these works will be found in the Chief Engineer's report.

REPAIRS TO PROPERTY.

Careful attention has been paid during the year to the various properties of the Commissioners to maintain them and bring them up to a first class condition. Store No. 4, damaged by fire in 1899, has been completely renovated. See Engineer's report for details.

CANADIAN PACIFIC RAILWAY COMPANY'S GRAIN ELEVATOR EMBANKMENT.

The grain elevator on the embankment, the property of the Canadian Railway Company has been sold to the Quebec Terminal Company, and Commissioners hope to see it as well as the large elevator of the Great Northern Railway Company in active operation during the incoming season.

EXCHANGE OF LANDS.

In 1892, a deed was passed between the Commissioners, the Quebec and Lake St. John Railway, and Charlevoix Railway Companies, in which in return for a beach lot which the Commissioners ceded to these companies, they were to transfer to the Commissioners the unincumbered title to a strip of forty feet in width along the St. Charles River in front of their properties. Difficulties and delays arose in completing this matter; but this year it has been settled and the Commissioners placed in possession of the unincumbered title to the lands in question.

OFFICIAL INSPECTION OF DECK LOADS.

The Honourable Mr. Dobell brought this question before the Commissioners at their meeting of April 2 last, who then pronounced themselves strongly in favour of such an inspection, believing that the cost of making it would be but a small charge on the trade, that deck loads would then be more carefully loaded, and underwriters knowing that this official inspection was imperative would have more confidence, and it would tend to reduce the present excessive rates of marine insurance.

DEATH OF MR. E. J. ANGERS.

The Commissioners have to record with deep regret the death of their notary, the late Mr. E. J. Angers, which occurred on February 12, 1900. Mr. C. F. Delage was elected to replace Mr. Angers as notary to the Commissioners, on February 26.

SALE OF BONDS.

The balance of the first preference bonds ($200,000) authorized under the provisions of 61 Victoria, chapter 48, and 62--63 Victoria, chapter 34 (The Quebec Harbour Commissioners Act, 1899) were disposed of by public tender, and although the time of sale turned out not to be very opportune, the Commissioners obtained par for these bonds.

EXPENDITURE ON CAPITAL ACCOUNT.

Particulars of the expenditure on capital account for 1900 will be found in a statement accompanying this report. This expenditure has been almost all for the work of extending the Pointe-à-Carcy wharf frontage, the building of the new coal wharf, wet dock, and the new freight shed fronting the tidal dock.

REVENUE AND EXPENDITURE.

The Commissioners' revenue for 1900 was $81,982.52, an increase of $4,634.46 over that of 1899, and the expenditure (including interest on $350,000 of first preference bonds) $53,094.15, leaving a surplus, which includes the $13,845.48 charged to the Department of the Interior for the ground occupied for immigration purposes, of $28,888.37. The principal increases have been in property earnings, $1,697.30, and interest, $3,428.24. Customs and harbour receipts show a slight decrease of $392.13.

GRAVING DOCK.

The lengthening of the graving dock, Lévis, has been completed, and it is now ready for docking purposes to its full extent.

This dock is now six hundred feet long; width of entrance, sixty-two feet; depth of water on sill at low water, seven feet six inches.

While, as was stated in their last report, the Commissioners believe that the lengthening of this dock will prove a great boon to the trade of the St. Lawrence; they would also reiterate their opinion that, a second graving dock should be built in Quebec that would be able to accommodate the largest steamers now afloat or likely to be afloat for some years to come, which the graving dock at Lévis, even with its increased length, cannot do.

ACTING CHAIRMAN.

During the absence in Europe of the Chairman (Mr. J. B. Laliberté) Mr. Narcisse Rioux was the presiding officer, having been unanimously elected by the Board as acting chairman.

ICE CUTTING.

During the winter of 1899-1900, 44,821 blocks of ice have been cut for local use, an increase of 2,371 blocks over the cut of the previous year.

Care has been taken that all this ice cut for domestic purposes is perfectly pure and taken from localities in the harbour that have been selected after an analysis of the ice had been made.

To this report are annexed the various statements conveying the information yearly forwarded to your department in connection with the harbour, as also a complete statement of the Commissioners' accounts for the year.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
*Secretary-Treasurer.*

A.

HARBOUR ENGINEER'S OFFICE,
QUEBEC, January 2, 1901.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission,
Quebec.

DEAR SIR,—I have the honour to submit herewith the following with reference to the various works in connection with the maintenance and improvement of the harbour of Quebec, executed during the year 1900.

NEW WORK.

During the winter 1899-1900 a considerable number of men were given employment, preparing the frame-work for a new freight shed to be erected on the south quay wall of tidal harbour, and in preparing the timber for a new coal wharf to be constructed at the western end of the wet dock. In order to place the floor of the above referred to freight shed above the reach of the highest flood tides, it was necessary to raise the whole surface over the site of the shed two and one-half feet. This required the construction of about 1,200 cubic yards of cribwork, and providing about 7,000 cubic yards of filling material. Of the filling material, 3,000 cubic yards were supplied by the contractors of the Great Northern elevator, free of cost; the balance being furnished by carters at 20 cents per cubic yard. This work was begun in the last week of March and, together with the construction of the foundations for the shed, consisting of piles and cribwork, was completed in the middle of May last. The work of erecting framework of shed was begun on May 16, and was finished on June 20; the rest of the woodwork was finished by July 6.

This freight shed is 452 feet long and 80 feet wide, and has been completely sheated with galvanized iron; the floor is placed so as to be 3 inches above the railway lines placed at the back of the shed.

To finish the railway facilities to this freight shed and to the Great Northern elevator, it was necessary to re-arrange the railway lines on the Pointe-à-Carcy wharf. This has been done, and 2,100 feet of new railway lines have been laid down.

The southern extension to the Pointe-à-Carcy wharf has been completed, with the exception of a portion of dredging of the custom-house pond, still remaining unfinished; the work consisting essentially of building up the cribwork of the pond face of pier to coping level, filling up the gap left in the cribwork for the passage of dump scows, placing the fenders, coping pieces, and cast iron mooring posts on the St. Lawrence and pond faces, and planking the surface of quay for 20 feet in from the coping line. The Great Northern Railway Company have constructed a 1,000,000 bushel grain elevator, on the site granted to them by the Harbour Commissioners for the purpose, and have, in connection with the elevator, erected a marine tower for unloading barges, on the wet dock quay of cross-wall, south of entrance. Conveyor galleries from elevator and marine tower have been carried down the south quay wall of tidal harbour in line with the face of freight shed, so that vessels berthed at this pier can be loaded from the elevator or directly from barges at the marine tower.

The elevator was first put in use on November 17 last, on which date the loading of the ss. *Albanian* was begun.

At the western end of the wet dock a new coal wharf, with a frontage of 400 feet, has been constructed; this wharf which is now completed with the exception of a part of the back filling and the surface planking, will have a minimum depth of water of 25 feet, when the grading of the wet dock, off the face of the wharf, has been completed. The area available for the reception of coal at this wharf will be 50,000 superficial feet.

The dredging for the foundations of this wharf, as well as the grading of a part of the wet dock off its face, was done by the Government dredge No. 6, which was loaned by the Department of Public Works to the Harbour Commissioners during the past season.

GENERAL.

The Harbour Commissioners' dredge was employed, during the past season, dredging in the custon-house pond, removing silt from the tidal harbour, and dredging in the wet dock.

The Harbour Commissioners' store, No. 4, which had been damaged by fire in September, 1899, was repaired during the winter of 1899-1900, and made ready for occupation on May 1 last.

Elm fenders and chocks have been placed on the face of the Grand Trunk wharf, and the top timbers of the wharf have been renewed.

The minor repairs required to keep the various properties of the Commissioners in good condition, consisting of railway track renewals, re-metalling roadways, replanking coal platforms, replacing fenders, painting entrance gates, freight sheds and shops, and sheating the east end of store No. 11 with Canada plate, have been executed.

The arc and incandescent electric range lights, heretofore situated on the battery, have been removed, and have been replaced by duplicate incandescent lights established in the marine tower. These new lights were put in operation on November 2.

The cross-wall draw bridge was operated for the first time the past season on April 12, and for the last time on December 7, on which date the wet dock was frozen over. The entrance gates to the wet dock were shut for the first time on May 2, and remained in operation until November 24.

I have the honour to be, sir,
Your obedient servant,

ST. GEORGE BOSWELL,
*Chief Engineer.*

B.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1901.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit the following with reference to the traffic of the Louise docks.

During the past season fifty (50) ocean mail steamers of one hundred and seventy-six thousand two hundred and three (176,203) tons register used the docks for landing imigrants, baggage, &c., and nine hundred and forty tons (940) of western freight.

Seventy-eight (78) steamships of two hundred and thirty-six thousand, one hundred (236,100) tons register landed nine thousand two hundred and forty-eight (9,248) tons of general cargo.

Thirty-one (31) steamships of ninety-two thousand seven hundred and fifty-four (92,754) tons register landed nine thousand five hundred and twenty-two (9,522) tons of salt.

Eleven (11) sailing vessels of three thousand one hundred and fifty-three (3,153) tons register landed three thousand four hundred and seventy-eight (3,478) tons of molasses.

Twenty-one (21) ferry boats landed one thousand (1,000) tons of general cargo from different steamships at Lévis.

Thirty-two (32) lower port steamers of four thousand two hundred and thirty-four (4,234) tons register landed nine hundred and ninety-six (996) tons of general cargo.

Four (4) American barges of three hundred and seventy-five (375) tons register landed four hundred (400) tons of sugar, rasin, etc.

Seven (7) schooners of three hundred and fifty (350) tons register landed seven thousand and seventy seven (7,777) railway ties.

Twenty-five (25) steamships of twenty-nine thousand two hundred and sixty-seven (29,267) tons register landed sixty-two thousand and eighty-nine (62,089) tons of coal.

Ten (10) lower port steamers of seven hundred and twenty (720) tons register landed one thousand and twenty-five (1,025) tons of coal.

One (1) sailing vessel of six hundred and fifty-nine (659) tons register landed one thousand (1,000) tons of coal.

Three (3) barges of four thousand and eighty-eight (4,088) tons register landed five thousand five hundred and eighty-two (5,582) tons of coal.

Five (5) lake schooners of two thousand two hundred (2,200) tons register landed four thousand three hundred and twenty-eight (4,328) tons of coal.

One hundred and thirty-eight (138) American barges of thirteen thousand seven hundred and twenty-eight (13,728) tons register landed twenty-five thousand nine hundred and sixty-four (25,964) tons of hard coal.

Twenty-six (26) lower port steamers of two thousand six hundred and forty-four (2,644) tons register shipped eleven hundred and twelve (1,112) tons of general cargo.

One (1) barge of twelve hundred and sixty-two (1,262) tons register shipped four thousand five hundred (4,500) railway ties.

Seven (7) steamships of twenty thousand five hundred and ninety-three (20,593) tons register shipped twelve hundred and ninety (1,290) tons of asbestos.

Seven (7) barges of eight hundred and seventy tons (870) tons register shipped seventeen thousand eight hundred (17,800) railway ties.

Fifty-one (51) steamships of twenty-two thousand six hundred and five (22,605) tons register loaded part cargo of timber and deals.

Twenty-two (22) steamships of thirty-five thousand eight hundred and ninety (35,890) tons register loaded full cargoes of timber and deals.

Four (4) sailing vessels of two thousand seven hundred and twelve (2,712) tons register loaded full cargoes of timber and deals.

One (1) barkentine of three hundred and twenty-one (321) tons register discharged a full cargo of timber.

The ss. *Albanian* of eighteen hundred and seventy-five (1,875) tons register loaded part cargo of grain from the Great Northern Railway Company's elevator and balance of cargo in lumber.

The surface traffic has required the employment of five thousand seven hundred and eighteen (5,718) cars, being a decrease of two hundred and two (202) cars over the previous year.

During the past season the different ocean mail steamers landed twenty thousand four hundred (20,400) steerage passengers at the immigration station, Louise docks, who were forwarded to their future homes by the Canadian Pacific Railway Company.

No record has been kept of cabin passengers.

Four hundred and twenty one (421) barges and one hundred and twenty-seven (127) schooners paid moorage during the season.

There are wintering in the Louise docks seventeen thousand two hundred (17,200) Quebec standard of lumber, besides coal, railway ties, &c.

There is stored in the freight sheds on the Louise docks and Commissioners' wharf, the following quantities of salt, viz.:

In the new shed, Commissioners' wharf, eleven hundred and eighty-one (1,181) tons.

In the cross wall shed eleven hundred and thirty-seven (1,137) tons.

In the breakwater shed, six hundred and fourteen (614) tons, which the owners are obliged to remove before the opening of navigation.

There are wintering in the upper and lower basins:

| | |
|---|---|
| Two (2) steamships. | Four (4) steam schooners. |
| One (1) sailing vessel. | Seventeen (17) tow boats. |
| One (1) barkentine. | Seven (7) pontoons. |
| Thirty-four (34) American barges. | Two (2) ferry boats. |
| Twenty-two (22) sailing schooners. | Three (3) passenger steamers. |
| Thirty-seven (37) lighters. | One (1) steam dredge. |
| One (1) steam yacht. | |

The following vessels, which had suffered accidents on their outward trip, were accommodated in the Louise docks, where in some cases after having discharged a portion of their cargoes, they were repaired, reloaded and proceeded to sea, viz.:

SS. *Mont Blanc* went ashore between Lotbinière and Cap Santé, and after discharging a part of her cargo, arrived in Quebec and went into the Louise docks for survey, and after making repairs reloaded part cargo and proceeded to sea.

SS. *Ottoman* struck a boulder on leaving Montreal, and after discharging a greater part of her cargo, came to Quebec, where she discharged the balance of her cargo and went into the graving dock at Lévis for repairs.

Sailing vessel *Anna Camp* after being run into by the ss. *Bjorvin*, below Quebec, returned for survey in the Louise docks, and the season being too late for repairs is now wintering here.

The docks are used from November 20 for wintering a large number of vessels of various tonnages where they find safe quarters to the opening of navigation.

I have the honour to be, sir,
Your obedient servant,

P. FLYNN,
*Wharfinger.*

C.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1901.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit the following report with reference to the harbour of Quebec for the year 1900.

Navigation was open in the harbour all winter.

The ice in the tidal basin and wet dock broke up on April 13.

The ice in the River St. Charles and North Channel broke up on April 14.

Local navigation from the Lower St. Lawrence was opened on March 28 by the arrival of schooner *Marie Elise* entering the Louise Docks to load full cargo.

Sch. *Marie Anne* left the harbour for the Lower St. Lawrence (light) on March 20.

Sch. *Marie Elise* left the harbour for Murray Bay with full general cargo on April 4.

Steam sch. *Marie Joséphine* left the harbour for the Gulf of St. Lawrence with general cargo on April 5.

Local tugs were towing in the harbour on April 10.

Revenue cutter ss. *Constance* entered Louise basin to coal on April 14.

SS. *St. Olaf* left with passengers and full general cargo for the North Shore, Gulf of St. Lawrence, on April 17.

Government mail tender steamer *Rhoda* left for Rimouski on April 21.

SS. *Amasis*, the first ocean freight steamer from sea (light), arrived on April 23 to load a full cargo of lumber.

SS. *Vancouver* first ocean passenger steamer from sea arrived on April 24, and after landing passengers and freight at the breakwater, entered the Louise basin to await the passing down of the ice in the river between Quebec and Montreal.

SS. *Jacone*, the first fruit steamer from the Mediterranean, arrived in the harbour on April 24 and put into Indian cove to await the passing down of the ice in the river between Quebec and Montreal.

The ss. *Lake Megantic*, the first ocean royal mail steamer, arrived on April 24, and after landing passengers and freight at the breakwater, entered the Louise basin to await the passing down of the ice in the river between Quebec and Montreal.

The ice in the river between Quebec and Montreal commenced passing down on April 25.

First passenger and freight steamer of the Richelieu and Ontario Navigation Company from Montreal, ss. *Carolina*, arrived on April 27.

All local pontoons were placed in position in the harbour on April 27.

First ocean steamer coal laden ss. *Active* for Quebec arrived in the harbour on May 2.

The first passenger and freight steamer of the Richelieu and Ontario Navigation Company for the Saguenay left on May 1.

The ss. *Vancouver*, first ocean passenger steamer outwards, left the harbour on May 1.

The first ocean sailing vessel from sea, Bk. *Prince Eugene*, in ballast, arrived on May 15.

H. M. S. *Crescent*, *Tribune*, *Psyche* and *Quail* arrived and anchored in the harbour on June 27, and left on July 10, with the exception of H. M. S. *Pysche*, which left on the 18th for the Island of Anticosti.

Six (6) ballast vessels discharged two thousand four hundred and fifty (2,450) tons of ballast into the Commissioners' properties, subdivided as follows:

| | Tons. |
|---|---|
| Louise Basin (siding) | 550 |
| Point à Carcy (new wharf) | 1,400 |
| New wharf (Lévis) | 500 |
| | 2,450 |

The cost of obtaining this ballast has been two hundred and eighty-one dollars ($281), or about 11½ cents per long ton.

In addition to the routine work of the harbour and office, two hundred and forty-five (245) ocean sea-going steamers have been berthed in the Louise docks and breakwater and at Pointe-à-Carcy wharfs.

Twenty-six (26) sea-going vessels have been berthed at the same wharfs.

The harbour regulations have been distributed to all vessels using the harbour during the season of navigation and the carrying out of their provisions attended to.

The last ocean sailing vessel with cargo, Bkt. *Bahama*, arrived in the harbour on November 13.

The ss. *Albanian* arrived in the Louise docks on November 16 to load a full cargo of grain and lumber for Europe.

The last ocean steamer, with coal cargo, ss. *Poline*, arrived in Louise docks on December 2.

The Richelieu and Ontario Navigation Company's ss. *Saguenay* made her last trip to the Saguenay on November 17.

The Richelieu and Ontario Navigation Company's ss. *Quebec* made her last trip between Quebec and Montreal on November 25.

The last ocean mail steamer, ss. *Lake Champlain*, left for sea on November 28.

The last ocean steamer ss. *Bray Head*, Captain S. J. Arthurs, and ss. *Theane*, Captain Andrew Stonehouse, R.N.R., of the Algoma Central RR. Company, left the Louise docks on December 2.

The last ocean freight steamer, ss. *Peleki*, left the harbour on December 5.

The ice in the tidal basin and wet dock formed on December 6.

The ice in the north channel, connecting the Island of Orleans with the north shore, formed on December 15.

Notices have been posted in suitable localities, warning parties from discharging rubbish of any kind into the harbour, docks, &c., and every precaution is being taken to prevent any violation of the regulations of the Commissioners in that respect.

I have the honour to be, sir,
Your obedient servant,

JAS. C. SULLIVAN,
*Harbour Master.*

## Statement of Assets and Liabilities per Balance Sheet of Date.

| 1900. | Assets. | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31. | Real Estate— | | |
| | Breakwater wharf | 225,563 08 | |
| | Pointe-à-Carcy " | 288,907 40 | |
| | East India " | 47,873 29 | |
| | Grand Trunk " | 15,740 32 | |
| | Wellington " | 86,511 85 | |
| | Atkinson's " | 51,103 20 | |
| | Reynar's " | 9,918 29 | |
| | | | 725,647 43 |
| | Harbour Improvements— | | |
| | River St. Charles | 3,119,058 98 | |
| | Deepening of the inside face of Pointe-à-Carcy wharf | 86,275 36 | |
| | | | 3,205,334 34 |
| | Harbour Improvements, River Front— | | |
| | Breakwater curve, &c | 21,299 86 | |
| | Pointe-à-Carcy extension | 176,862 10 | |
| | | | 198,161 96 |
| | New freight shed | ..... | 21,731 12 |
| | New coal wharf | ..... | 36,091 01 |
| | Cash— | | |
| | On hand | 1,381 87 | |
| | In La Banque Nationale | 164,290 05 | |
| | | | 165,671 92 |
| | In *re* Beach and Deep Water Lots— | | |
| | Capital at debit sundries | 34,693 90 | |
| | Arrears of interest to June 24 | 6,501 96 | |
| | " " December 24 | 882 12 | |
| | | | 42,077 98 |
| | Rents, Wharfage, &c— | | |
| | Due by sundries, as per balance sheet | 13,674 46 | |
| | Rentals for November and December | 1,824 96 | |
| | | | 15,499 42 |
| | Dominion Government (unsettled claims) | ..... | 209,338 03 |
| | Hopper barge | 5,609 28 | |
| | Steam crane dredge | 5,105 21 | |
| | | | 10,714 49 |
| | Jackscrews on hand | ..... | 364 87 |

| 1900. | Liabilities. | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31. | Quebec harbour debentures | 3,612,802 42 | |
| | Receiver General of Canada | 43,380 00 | |
| | First preference bonds | 350,000 00 | |
| | Interest on first preference bonds to January 1, 1901 | 4,640 00 | |
| | Outstanding accounts | 1,743 27 | |
| | | | 4,012,565 69 |
| | Surplus, composed as follows:— | | |
| | Beach and deep water lots | 55,461 87 | |
| | Profit and loss | 573,090 61 | |
| | | | 628,552 48 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | 81,982 52 | | Due by and charged to the Department of the Interior for rental of ground occupied for immigration purposes in 1900... .... | 13,845 48 | 28,888 37 |
| | | | | | | | 81,982 52 |

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1901.

## Statement of Assets and Liabilities per Balance Sheet of Date.

| 1900. | Assets. | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31. | Real Estate— | | |
| | Breakwater wharf | 225,563 08 | |
| | Pointe-à-Carcy " | 288,907 40 | |
| | East India " | 47,873 29 | |
| | Grand Trunk " | 15,740 32 | |
| | Wellington " | 86,511 85 | |
| | Atkinson's " | 51,103 20 | |
| | Reynar's " | 9,918 29 | |
| | | | 725,647 43 |
| | Harbour Improvements— | | |
| | River St. Charles | 3,119,058 98 | |
| | Deepening of the inside face of Pointe-à-Carcy wharf | 86,275 36 | |
| | | | 3,205,334 34 |
| | Harbour Improvements, River Front— | | |
| | Breakwater curve, &c | 21,299 86 | |
| | Pointe-à-Carcy extension | 176,862 10 | |
| | | | 198,161 96 |
| | New freight shed | ..... | 21,731 12 |
| | New coal wharf | ..... | 36,091 01 |
| | Cash— | | |
| | On hand | 1,381 87 | |
| | In La Banque Nationale | 164,290 05 | |
| | | | 165,671 92 |
| | In *re* Beach and Deep Water Lots— | | |
| | Capital at debit sundries | 34,693 90 | |
| | Arrears of interest to June 24 | 6,501 96 | |
| | " " December 24 | 882 12 | |
| | | | 42,077 98 |
| | Rents, Wharfage, &c— | | |
| | Due by sundries, as per balance sheet | 13,674 46 | |
| | Rentals for November and December | 1,824 96 | |
| | | | 15,499 42 |
| | Dominion Government (unsettled claims) | ..... | 209,338 03 |
| | Hopper barge | 5,609 28 | |
| | Steam crane dredge | 5,105 21 | |
| | | | 10,714 49 |
| | Jackscrews on hand | ..... | 364 87 |

| 1900. | Liabilities. | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31. | Quebec harbour debentures | 3,612,802 42 | |
| | Receiver General of Canada | 43,380 00 | |
| | First preference bonds | 350,000 00 | |
| | Interest on first preference bonds to January 1, 1901 | 4,640 00 | |
| | Outstanding accounts | 1,743 27 | |
| | | | 4,012,565 69 |
| | Surplus, composed as follows:— | | |
| | Beach and deep water lots | 55,461 87 | |
| | Profit and loss | 573,090 61 | |
| | | | 628,552 48 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Anchors " | | 2,011 09 | | | | |
| Timber " | | 3,112 47 | | | | |
| Tools | | 317 32 | | | | |
| Pile driver | | 3,688 33 | | | | |
| Office furniture | | 1,062 01 | | | | |
| Bills receivable | | | | | | |
| | | 4,641,118 17 | | | | 4,641,118 17 |

MEMO.—The arrears of interest due on Government debentures is not included in this statement.

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1901.

We hereby certify that we have examined the statement of assets and liabilities of the Quebec Harbour Commissioners for the year 1900, and we have found same in all particulars the true position of the Trust at that date.

L. A. BERGEVIN,
ALEX. J. MESSERVEY, } *Auditors.*

QUEBEC, January 31, 1900.

## Balance Sheet of December 31, 1900.

| | $ cts. | $ cts. | | $ cts. | $ cts. |
|---|---|---|---|---|---|
| To Office furniture | | 3,688 33 | By Beach and deep water lots | | 55,461 87 |
| Amount at debit of grantees beach and deep water lots | | 41,195 86 | Receiver General of Canada | | 43,380 00 |
| Amount at debit of sundries for rents, wharfage, &c. | | 13,674 46 | Quebec harbour debentures | | 3,612,802 42 |
| Unsettled claims against the Dominion government | | 209,338 03 | First preference bonds | | 354,640 00 |
| Breakwater wharf | | 225,563 08 | Outstanding accounts | | 1,743 27 |
| Pointe-à-Carcy " | | 288,907 40 | Profit and loss | | 573,090 61 |
| East India " | | 47,873 29 | | | |
| Grand Trunk " | | 15,740 32 | | | |
| Wellington " | | 86,541 85 | | | |
| Atkinson's " | | 51,103 20 | | | |
| Reynar's " | | 9,918 29 | | | |
| Pointe-à-Carcy deepening | | 86,275 36 | | | |
| Harbour improvements, River St. Charles | | 3,119,058 98 | | | |
| " " river front, breakwater, curve, &c. | 21,299 86 | | | | |
| Point-à-Carcy extension | 176,862 10 | | | | |
| | | 198,161 96 | | | |
| New freight shed | | 21,731 12 | | | |
| New coal wharf | | 36,091 01 | | | |
| Cash on hand | 1,381 87 | | | | |
| In La Banque National | 164,290 05 | | | | |
| | | 165,671 92 | | | |
| Hopper barge | 5,609 28 | | | | |
| Steam crane dredge | 5,105 21 | | | | |
| | | 10,714 49 | | | |
| Jackscrews accounts | | 394 87 | | | |
| Anchor " | | 264 38 | | | |
| Tools " | | 3,112 47 | | | |
| Timber " | | 2,011 09 | | | |
| Pile driver | | 317 32 | | | |
| Bills receivable | | 1,062 01 | | | |
| Suspense account | | 2,707 08 | | | |
| | | 4,641,118 17 | | | 4,641,118 17 |

Harbour Commissioners' Office,
Quebec, January 2, 1901.

JAS. WOODS,
*Secretary-Treasurer.*

We hereby certify that we have examined the books and vouchers of the Quebec Harbour Commissioners to December 31, 1900, and that this balance sheet is correct.

Quebec, January 2, 1900.

L. A. BERGEVIN,
ALEX. J. MESSERVEY, } *Auditors.*

## EXPENDITURE ON CAPITAL ACCOUNT FOR THE YEAR 1900.

### HARBOUR IMPROVEMENTS, RIVER FRONT.

| | | |
|---|---|---|
| Pointe-à-Carcy extension | $ 25,131 29 | |
| Breakwater curve, &c | 2,089 64 | |
| | | $ 27,220 93 |
| New freight shed | | 21,731 12 |
| New coal wharf | | 36,091 01 |
| Office furniture | | 13 36 |
| Tools account | | 375 21 |
| Pile driver | | 283 62 |
| | | $85,715 25 |

COMPARATIVE STATEMENT of the Revenue of the Commissioners for the Years 1899 and 1900.

| — | 1899. | 1900. | Difference in 1900. | |
|---|---|---|---|---|
| | $ cts. | $ cts. | $ cts. | |
| Tonnage dues | 12,343 84 | 11,350 53 | 993 31 | Decrease. |
| Import | 3,915 98 | 4,789 28 | 873 30 | Increase. |
| Export | 4,547 78 | 4,384 35 | 163 43 | Decrease. |
| Harbour | 2,286 41 | 2,177 72 | 108 69 | " |
| Property receipts | 50,812 27 | 52,509 57 | 1,697 30 | Increase. |
| Interest | 2,135 59 | 5,563 83 | 3,428 24 | " |
| Beach and deep water lots | 1,273 69 | 1,190 24 | 83 45 | Decrease. |
| Sundries | 32 50 | 17 00 | 15 50 | " |
| | 77,348 06 | 81,982 52 | 4,634 46 | Increase. |

HARBOUR COMMISSIONER'S OFFICE,
QUEBEC, January 2, 1901.

JAS. WOODS,
*Secretary-Treasurer.*

QUEBEC, January 31, 1901.

To the Chairman and Commissioners,
Quebec Harbour Commission.

GENTLEMEN,—We beg respectfully to report that we have audited the books and vouchers of the Commission for the year 1900, and we are pleased to state that we have found everything correct and in good order.

We beg to tender our thanks to the secretary for the courtesy and the facilities which he placed at our disposal while auditing.

We have the honour to be, gentlemen,
Your obedient servants,

L. A. BERGEVIN,
A. MESSERVEY,
*Auditors.*

# APPENDIX No. 4.

## BELLEVILLE HARBOUR COMMISSIONERS' REPORT FOR YEAR ENDED DECEMBER 31, 1900.

BELLEVILLE, January 15, 1901.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—The Harbour Commissioners of the city of Belleville beg to submit herewith a statement of the receipts and expenditure in connection with the harbour for the year ending December 31, 1900.

The report of the harbour master for the same period is also inclosed.

It was considered advisable to rebuild and repair some of the piers at the mouth of the river during the low water season. This has been done in an economical and satisfactory manner under the supervision of the harbour master.

The dredge, although only a short time in the harbour during the autumn, did excellent work in removing a large portion of the shoal west of the island, increasing the capacity of the channel at that point.

I have the honour to be, sir,
Your obedient servant,

GEORGE WALLBRIDGE,
*Chairman, Harbour Commissioners of Belleville, Ont.*

**Statement of Receipts and Expenditure of the Harbour Commissioners of Belleville, Ont., for the Year ending December 31, 1900.**

Dr. | Cr.

| *Receipts.* | $ cts. | $ cts. | *Expenditure.* | $ cts. | $ cts. |
|---|---|---|---|---|---|
| Harbour dues collected during the year, as per harbour master's statement | | 3,069 34 | Buoys, placing, removing and renewals | | 17 00 |
| Rent of small house on river bank for 13 months to November 30, 1900 | | 32 50 | Booms, swinging and removing | | 100 00 |
| Material received from the Bay of Quinté Bridge Company for material from dredging | | 85 00 | Piers, rebuilding and repairing | | 521 10 |
| | | | Dredging, paid for coal for use of dredge (supplemental) | | 85 00 |
| | | | Harbour improvement, for repairs to embankment and rip-rap | | 99 97 |
| | | | Salaries— | | |
| | | | Harbour master, 12 months | 600 00 | |
| | | | Tally clerk, tallying logs | 85 00 | |
| | | | | | 685 00 |
| | | | Office expenses— | | |
| | | | Rents of office, store-house and boat-house | 30 00 | |
| | | | Repairs to office | 2 50 | |
| | | | Fuel for office | 5 50 | |
| | | | Stationery, postage, &c. | 10 40 | |
| | | | | | 48 40 |
| | | 3,186 84 | | | 1,556 47 |
| Balance on hand January 1, 1900 | | 1,418 69 | Balance in bank and on hand | | 3,049 06 |
| | | 4,605 53 | | | 4,605 53 |

THE CANADIAN BANK OF COMMERCE.

SIR,—This certifies that the account of the undersigned with the Canadian Bank of Commerce up to the close of business on December 31, 1900, as shown in pass book, has been examined and found correct, the balance being $3,034.36 in favor of the undersigned. The cheques paid by the bank and charged in said pass book have been returned to the undersigned.

HARBOUR COMMISSIONERS OF BELLEVILLE,
per GEO. WALLBRIDGE,
*Chairman.*

To the Manager.

DOMINION OF CANADA,
Province of Ontario,
County of Hastings,
*To Wit:*

In the matter of the Report of the Harbour Commissioners of the city of Belleville, for the year ending December 31, 1900.

I, GEORGE WALLBRIDGE, of the city of Belleville, in the county of Hastings, merchant, do solemnly declare that:

1. I am chairman of the Harbour Commissioners of Belleville.
2. That annexed hereto is a statement of the receipts and expenditures of the Harbour Commissioners of Belleville for the year ending December 31, 1900.
3. That the said statement is true and correct as therein set forth.
4. That nothing is wilfully omitted therefrom which should be stated therein, or improperly inserted therein, to the best of my knowledge, information or belief.

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of 'The Canada Evidence Act,' 1893.

Declared before me at the city of Belleville, in the county of Hastings, this 15th day of January, A.D. 1901.

GEO. WALLBRIDGE.

G. MASSON,
*Notary Public.*

BELLEVILLE, January 15, 1901.

the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—The undersigned harbour master of the city of Belleville begs to submit the owing report for the year 1900:

Navigation opened in Belleville harbour on April 16, and closed on December 5.

| | | |
|---|---|---|
| Import dues on | 13,500 tons coal | $ 1,350 00 |
| " " | 313½ tons tomatoes | 31 35 |
| " " | 1,369 tons merchandise | 136 90 |
| " " | 312 tons potters' clay | 18 72 |
| " " | 200 tons quarry plant | 20 00 |
| " " | 78½ tons salt | 7 85 |
| " " | 50½ tons cement | 5 05 |
| " " | 3,550 bushels wheat | 4 42 |
| " " | 5,150 bushels corn | 6 43 |
| " " | 400 bushels pease | 0 50 |
| " " | 333,523 feet lumber | 16 66 |
| " " | 460,000 shingles | 13 80 |
| " " | 235,000 lath | 2 95 |
| | | $ 1,614 63 |
| Export dues on | 222,613 logs, &c | $ 1,217 96 |
| " " | 215,000 feet of timber | 21 50 |
| " " | 450½ tons merchandise | 45 05 |
| " " | 447 tons talc | 44 70 |
| " " | 58 tons cheese | 5 80 |
| " " | 3 tons cement | 0 30 |
| " " | 2 tons salt | 0 20 |
| " " | 85,000 brick | 4 25 |
| " " | 188½ tons iron | 18 85 |
| " " | 25,458 bushels barley | 31 82 |
| " " | 31,439 bushels wheat | 39 30 |
| " " | 10,773 bushels peas | 13 50 |
| " " | 6,465 bushels rye | 8 08 |
| " " | 21½ tons coal oil | 2 15 |
| " " | 12½ tons nails | 1 25 |
| | | $ 1,454 71 |
| Total amount derived from imports | | $1,614 63 |
| Total amount derived from exports | | 1,454 71 |
| | | $ 3,069 34 |

The imports show a slight falling off from last year owing principally to a smaller antity of coal being brought in by vessel.

The exports show that a larger number of logs were brought down the river this ar than last.

All of which is respectfully submitted.

I have the honour to be, sir,
Your obedient servant,

D. COLLINS,
Harbour Master.

DOMINION OF CANADA
Province of Ontario, county of Hastings,
*To Wit*:

In the matter of the report of the Harbour Master of the city of Belleville for the year ending December 31, 1900.

I, DANIEL COLLINS, of the city of Belleville, in the county of Hastings, Harbour Master, do solemnly declare that:

I am harbour master at the city of Belleville.

That my report hereunto annexed contains a true, correct and full statement of the revenue from the harbour at the city of Belleville for the year ending December 31, 1900.

That the said report is in all respects true and correct to the best of my knowledge information and belief.

And I make this solemn declaration, conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of 'The Canada Evidence Act' of 1893.

D. COLLINS.

Declared before me at the city of Belleville, in the county of Hastings, January 15, 1901.

G. MASSON,
*A Notary Public.*

# APPENDIX No. 5.

## THREE RIVERS HARBOUR COMMISSIONERS' REPORT FOR THE YEAR ENDED DECEMBER 31, 1900.

HARBOUR COMMISSIONERS' OFFICE,
THREE RIVERS, March 23, 1901.

SIR,—I have the honour, by the direction of the Harbour Commissioners of Three Rivers, to forward herewith, for the information of the Honourable the Minister of Marine, statements of receipts and disbursements of the Commission for the year ending December 31, 1900. Also a comparative statement of trade and navigation of the port and district during the same year.

I have the honour to be, sir,
Your obedient servant,

GEORGE BALCER,
*Secretary.*

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

COMMISSIONERS :

ALEX. HOULISTON, Esq., Chairman,

R. S. COOKE, Esq., HENRY E. HART, Esq.,
L. D. PAQUIN, Esq., P. A. DROLET, Esq.,
GEORGE BALCER, Secretary.

Upon examination of our last year's statements it was very generally conceded that the transactions of 1900 could not, by any means, come up to those of 1899. A combination of circumstances, like those which prevailed at that time, seldom occurring twice in succession. A deficit of some importance was reasonably expected ; and this the more so as the particular situation created during the season of navigation 1900, by the withdrawal for the South African war service of a very large portion of the shipping from the St. Lawrence, affected our port perhaps more than it did Montreal or other centres. But when contrary to expectation, the aggregate value of our '*direct*,' foreign trade, nevertheless reaches the figures of that unprecedented year 1899, and our '*indirect*' trade, i. e. traffic obliged to pass through other ports on account of lack of *sufficient* accommodation in our harbour—more than double this amount, further hesitation becomes useless ; the value of our port as a shipping centre must finally cease to be questioned and the importance of our *own* resources at last be recognized.

We consequently close, with no small degree of legitimate satisfaction, the first chapter of the evolution of our harbour. For henceforth new and most powerful factors will enter the field, adding not only their mighty influence and activity, but also their just claims for improvements and proper accommodation, so urgently needed by the daily increasing traffic and rapid development of our transactions.

Comparing the present statement with the one of 1899, we remark that with twenty-eight steamers less in 1900 (nearly sixty-six per cent of the average number of vessels during the last half decade) our *exports* by sea from the port of Three Rivers declined

about twenty-five per cent. *Imports* by the same route gained, on the other hand, over 100 per cent. The loss sustained is entirely borne by the lumber trade:—forty-nine million feet in 1900 as against seventy-six million in the previous year; a difference of thirty-five per cent. Serious as this difference appears, it must not, however, be taken as a sign of depression, neither as a falling off in the importance of this particular trade. No; for never in the past has our export of lumber by sea attained anything like fifty million feet. Besides, in 1899, the average value of the lumber shipped to Great Britain, was about $12 per M. feet B.M., whereas in 1900 the average attained nearly $15. Then again in 1899, the immense stock of lumber which had accumulated in our yards for some years past, could take advantage of the superabundance of tonnage and low freights offering to ship out to the last deal, whereas in 1900 the scarcity of vessels, and consequently abnormal increase in freights (70*s.* to 75*s.* per Petg-Std. as against 42*s.* to 44*s.* 6*d.* in 1899) prevented the most enterprising from risking further shipments. Thus it happened that in spite of a very good market abroad, our merchants were forced to keep their stock on this side of the Atlantic; and no less than forty million feet of sawn lumber is wintering over upon our wharfs and in our lumber yards, awaiting the opening of navigation to reach, as soon as possible, their final destination.

A further proof of the vitality of our old staple, lumber, as well as the prospects for next season's shipments will be found in the enormous quantity of logs which will be cut this winter in our district. In the St. Maurice territory alone, the number will be near three millions, and in the other surrounding rivers about another million. No doubt a very large proportion of these will be used by our pulp and paper mills and also as pulp wood for export; but an equally respectable quantity will be turned into lumber for both European and American markets.

In addition to the above, the products of the Grand'Mère and other industrial establishments already under operation; including those at Shawenigan and Three Rivers which will be ready for work in the course of the season, and leaving out every other project under consideration, an idea may be formed as to the extent of traffic our next year's statement will have to report upon.

At all events the situation, at present, may be summed up as follows:—

Those times have passed when the Harbour Commissioners of Three Rivers could, but with difficulty, approach the shipping community, and timidly extol and plead the merits of their port;—when every step at Ottawa was considered a begging expedition, solely intended to worry the Government with idle talk and delusive hopes—may the demand under consideration have been ever so reasonable, the improvements asked for ever so pressing. To day the change is complete. There is no more question of local influence, or favours of any kind. A union of powerful interests will know how to impress and follow up its claims, not to obtain privileges or doubtful protection, but just consideration for the enormous capital engaged. And unless the Government will leave to its fate, or nip in the bud the marvellous growth of an industrial expansion second to none in the history of the country, it cannot but yield to evidence.

When, for instance, an establishment like the Grand' Mère which turns out annually over $2,000,000 worth of pulp and paper alone, half of which is exported to Great Britain, and Three Rivers the nearest point of shipping, only twenty-seven miles distant, cannot command more than ten per cent of such freight—something must be wrong, something left to be done to remedy such an anomalous condition.

The Belgo-Canadian Company at Shawenigan is preparing for even a larger output, exclusively for European markets, and lack of sufficient accommodation in our harbour shall prevent this company as well as others, from taking advantage of the shortest route and the nearest centre—as is already the case with the every day increasing stock of our dairy products.

The idea is simply preposterous.

We consequently trust that besides *direct* communication by steam and electric railways between the rising manufacturing towns along the St. Maurice river and deep-water at Three Rivers, our wharfs in a western direction, will be extended not less than up to the Windmill point. For experience has shown that the improvements recently made and the wharfs at present under construction—considered at the time of extraordinary importance—are to-day scarcely sufficient for our ordinary traffic

Therefore the Canadian Pacific Company, and other railroad companies; the various establishments in and around Three Rivers join the Harbour Commissioners in their demands to the Government to take into immediate and serious consideration their pressing request and most legitimate claims.

COMPARATIVE STATEMENT OF EXPORTS AND IMPORTS FOR THE PORT AND DISTRICT OF THREE RIVERS FOR THE YEAR ENDING DECEMBER 31, 1900.

In maintaining the distinct feature of our annual reports as to the division of traffic into transactions liable to be controlled by official returns, and transactions effected via other ports, we find the aggregate volume of *direct* foreign trade, as per usual custom and consular returns, amounts to $2,231,695, as against $2,235,150 in 1899; a difference only slightly below the last mentioned figures.

It is divided into

| | |
|---|---|
| Exports | $1,650,405 |
| Imports | 581,290 |

thus continuing in the main, the progress noted in our former reports.

| | |
|---|---|
| In 1899 exports figured | $1,856,850 |
| Imports | 378,200 |

We have just mentioned the reason why last season's shipments fell short of the figures of 1899. It is therefore evident that under ordinary circumstances the result of 1900 would have by far exceeded the result of any preceding year. At any rate the difference in exports is fully made up by the progress in imports. And—although the greater proportion is at present produced in the Dominion—we note with pleasure an increase in plants and machinery for new industries, and raw material and goods for general manufacturing purposes.

While *direct* transactions with Great Britain and other foreign countries, as well as with the United States are thus holding their own, *indirect* transactions outpass by far the same class of traffic of former years, We are, for instance, informed by the Laurentide Pulp Company, whose mills were last year for the first time in regular working order, that their output of pulp and paper amounted to 60,000 tons, valued at $2,535,000; of which only $400,000 worth are mentioned in our returns and about a similar amount claimed for home consumption; the balance exported coming under the second heading. In dairy produce our production of cheese for the English market, via Montreal, is fully in keeping with the usual output, while butter is now largely on the increase. Our hay continues, as usual, to reach various American markets without coming under further notice, and a large proportion is shipped by every outgoing cattle steamer. Many other products also take an irregular route to reach their destination.

At all events, we certainly will not be far wrong in valuing our combined transactions with foreign countries in 1900 at $4,500,000, two millions more than in 1896; and of this fairly respectable amount 88 per cent is on account of export.

The following is the summary statement of exports:—

| | |
|---|---|
| To the United States— | |
| Lumber, thousand feet B.M., 19,500 | $ 198,672 |
| " other | 15,590 |
| Pulp wood, cords, 62,171 | 223,510 |
| Pulp and paper | 176,712 |
| Produce of the field and farm | 36,380 |
| " " mines | 84,773 |
| Brimstone, crude | 18,260 |
| Other manufactures and produce | 24,925 |
| Household effects | 6,500 |
| | $ 785,322 |

| | | |
|---|---|---|
| To Great Britain— | | |
| Lumber, thousand feet B.M., 44,570 | $ | 627,481 |
| Paper and cardboard | | 165,160 |
| | $ | 792,641 |
| To France— | | |
| Lumber, feet B.M., 662,000 | $ | 10,268 |
| Pig iron | | 1,800 |
| Sundries | | 287 |
| | $ | 12,355 |
| To Belgium— | | |
| Lumber, feet B.M., 700,000 | $ | 9,596 |
| Pig iron | | 1,600 |
| | $ | 11,196 |
| To Spain— | | |
| Lumber, feet B.M., 1,736,000 feet | $ | 20,855 |
| To Australia— | | |
| Lumber. feet B.M., 1,140,000 | $ | 15,318 |
| Paper | | 12,338 |
| | $ | 27,656 |
| To South Africa— | | |
| Hay— | $ | 380 |
| Total exports | $ | 1,650,405 |

IMPORTS.

| | | |
|---|---|---|
| From the United States— | | |
| Plant, hardware and machinery | $ | 153,415 |
| Metal or metal goods | | 22,134 |
| Drugs, chemicals, &c | | 6,272 |
| Firebrick, sand, stone, &c | | 12,857 |
| Coal and coke | | 19,050 |
| Breadstuffs and provisions | | 12,623 |
| Cotton and woollen goods | | 11,449 |
| Fancy goods | | 3,032 |
| Leather (glove) | | 28,071 |
| Other manufactures | | 6,725 |
| Wood | | 3,749 |
| Raw tobacco | | 3,749 |
| Prints and stationery | | 932 |
| Sundries | | 10,549 |
| Settlers' effects | | 30,907 |
| | $ | 326,297 |
| From Great Britain— | | |
| Cotton and woollen goods | $ | 6,551 |
| Dress and fancy | | 7,454 |
| Other manufactures | | 1,405 |
| Leather | | 875 |
| Rags for paper mills | | 9,516 |
| | $ | 25,801 |

| | | |
|---|---|---|
| From France— | | |
| Dress and fancy goods | $ | 1,700 |
| Church ornaments, bells | | 2,659 |
| Books | | 1,832 |
| Wine and brandies | | 1,633 |
| Sundries | | 447 |
| | $ | 8,271 |
| From Germany— | | |
| Leather (glove) | $ | 6,128 |
| Furs | | 1,753 |
| Dress and fancy goods | | 562 |
| Wine | | 230 |
| | $ | 8,673 |
| From Holland— | | |
| Gin | $ | 5,120 |
| From Austria— | | |
| Furs | $ | 662 |
| From Belgium— | | |
| Furs | $ | 343 |
| From Spain— | | |
| Wine | $ | 113 |
| From Italy— | | |
| Sulphur | $ | 139,530 |
| From Lower Provinces— | | |
| Coal | $ | 66,480 |
| Total imports | $ | 581,209 |

Grand total 'direct' transactions—

| | | |
|---|---|---|
| Exports | $ | 1,650,405 |
| Imports | | 581,290 |
| | $ | 2,231,695 |

GEORGE BALCER,
*Secretary.*

Harbour Commissioners' Office,
Three Rivers, March 11, 1901.

STATEMENT of Number and Tonnage of Sailing Vessels and Steamers entered inward and outward of the port and out-poots of Three Rivers for the year 1900.

OCEAN TRAFFIC.

| RETURN OF VESSELS INWARDS. | | | RETURN OF VESSELS OUTWARDS. | | |
|---|---|---|---|---|---|
| | No. | Tons. | | No. | Tons. |
| Total arrivals | 63 | 130,343 | Total departures | 63 | 130,343 |
| Steamers | 60 | 127,232 | British and Canadian | 54 | 116,551 |
| Sailing vessels | 3 | 3,111 | Norwegian | 6 | 7,837 |
| | | | French | 2 | 3,899 |
| | | | Italian | 1 | 2,056 |

PORT OF THREE RIVERS.

| ARRIVED. | | | RETURN. | | |
|---|---|---|---|---|---|
| Steamers | 45 | 95,042 | Great Britain | 23 | 51,738 |
| Sailing vessels | 2 | 2,331 | Inland ports | 19 | 36,892 |
| | | | Antwerp | 3 | 5,627 |
| | | | France | 1 | 1,919 |
| | | | Spain | 1 | 1,197 |

OUT PORT: BATISCAN.

| | | | | | |
|---|---|---|---|---|---|
| Steamers | 4 | 8,540 | Great Britain | 4 | 8,540 |

LAKE ST. PETER: PIERREVILLE, LOUISEVILLE.

| | | | | | |
|---|---|---|---|---|---|
| Steamers | 11 | 23,650 | Great Britain | 9 | 20,473 |
| Sailing vessels | 1 | 780 | France | 1 | 1,980 |
| | | | Spain | 1 | 1,197 |
| | | | Australia | 1 | 780 |

UNITED STATES TRAFFIC.

| | Number. | Tonnage. |
|---|---|---|
| Port of Three Rivers; U. S. canal boats | 449 | 44,452 |
| Out ports, barges " " | 151 | 15,065 |
| Total | 600 | 59,517 |

INLAND TRAFFIC.

| | | |
|---|---|---|
| Bateaux not registered | 195 | |
| Schooners and barges | 68 | 8,232 |
| Tugs and steamboats | 130 | 14,265 |
| Total | 393 | 22,497 |
| (Rich. and Ont. Nav. Cos. Steamers, market and local boats not included.). | | |

RECAPITULATION.

| | | |
|---|---|---|
| Ocean traffic | 63 | 130,343 |
| United States traffic | 600 | 59,517 |
| Local traffic | 393 | 22,497 |
| Grand total | 1,056 | 212,357 |

RECEIPTS AND DISBURSEMENTS OF THE HARBOUR COMMISSIONERS OF THREE RIVERS FOR THE YEAR 1900.

*Receipts.*

| | | |
|---|---|---|
| Commissioners' Office— | | |
| Tonnage dues, on vessels | $ 338 62 | |
| Harbour dues on goods, inwards | 174 49 | |
| " " " outwards | 479 89 | |
| Commutation | 1,356 80 | |
| Rent of wharfs and moorage | 239 49 | |
| | | $ 2,589 29 |
| Custom House— | | |
| Tonnage dues on vessels | $2,666 76 | |
| Harbour dues on goods, inwards | 2,013 61 | |
| " " " outwards | 2,506 74 | |
| Moorage dues | 432 09 | |
| | | 7,619 20 |
| Total receipts | | $10,208 49 |
| Sale of debentures | $31,500 00 | |
| Interest on deposit | 161 69 | |
| | | 31,661 69 |
| Bank deposit and cash, January 1, 1900 | | 18,389 68 |
| | | $60,259 86 |

*Disbursements.*

| | | |
|---|---|---|
| Administration— | | |
| Current expenses | $ 319 06 | |
| Salaries and commissions | 2,216 57 | |
| Rent | 200 00 | |
| Printing and stationery | 77 32 | |
| Refunds and legal expenses | 247 39 | |
| | | $ 3,060 34 |
| Engineer's office | $ 81 22 | |
| Repairs and general harbour expenses | 1,143 18 | |
| | | 1,224 40 |
| Interest and sinking fund | | 5,811 45 |
| Expenses on revenue | | $10,096 19 |
| Disbursements— | | |
| Construction account | $41,056 54 | |
| Plant and tools | 68 44 | |
| On capital | | 41,124 98 |
| Deposit in bank and cash, December 31, 1900 | | 9,038 69 |
| | | $60,259 86 |

GEORGE BALCER,
*Secretary Treasurer.*

THREE RIVERS, January 15, 1900.

## RECEIPTS and Disbursements of Harbour Commission of Three Rivers for the year 1900.

### RECEIPTS.

| MONTHS. | COLLECTION OF HARBOUR DUES. | | | | | | | | | PROCEEDS FROM | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Commissioners' Office. | | | | | Custom House. | | | | | | |
| | Tonnage dues on vessels. | On Goods. | | Commutation. | Rent of wharf and Moorage. | Tonnage dues. | On Goods. | | Moorage dues. | Sale of debentures. | Notes issued. | Other sources. |
| | | Inwards. | Outwards. | | | | Inwards. | Outwards. | | | | |
| | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. |
| January | 36 27 | 58 39 | 47 74 | 100 00 | 40 00 | ... | ... | ... | ... | ... | ... | *18,389 68 |
| February | ... | ... | 1 75 | 5 00 | ... | ... | ... | ... | ... | ... | ... | ... |
| March | 18 00 | ... | 73 42 | ... | 15 00 | ... | ... | ... | ... | ... | ... | ... |
| April | 3 63 | ... | 21 68 | 500 00 | ... | ... | ... | ... | ... | ... | ... | ... |
| May | 33 53 | 2 20 | 17 30 | ... | 5 95 | ... | ... | ... | ... | ... | ... | ... |
| June | 14 04 | 6 40 | 15 48 | ... | 6 50 | 300 00 | 800 00 | 400 00 | ... | ... | ... | ... |
| July | 15 90 | 43 54 | 30 74 | 100 00 | 28 17 | 100 00 | 200 00 | 200 00 | ... | ... | ... | ... |
| August | 2 83 | 4 77 | 5 31 | 1 80 | 0 95 | 200 00 | 300 00 | 300 00 | ... | ... | ... | ... |
| September | 105 15 | 2 90 | ... | ... | 10 45 | ... | ... | ... | ... | 10,000 00 | ... | ... |
| October | 23 37 | 27 53 | 3 89 | ... | 30 92 | 500 00 | 500 00 | 1,000 00 | ... | 11,500 00 | ... | ... |
| November | 14 40 | 18 66 | 16 84 | 515 00 | 1 55 | 200 00 | 200 00 | 100 00 | ... | ... | ... | ... |
| December | 71 50 | 10 10 | 245 74 | 135 00 | 100 00 | 1,366 76 | 13 61 | 506 74 | 432 09 | 10,000 00 | ... | 161 69 |
| | 338 62 | 174 49 | 479 89 | 1,356 80 | 239 49 | 2,666 76 | 2,013 61 | 2,506 74 | 432 09 | ... | ... | 18,551 37 |

* Deposit and cash.

*Recapitulation.*

| | | |
|---|---|---|
| Commissioners' office— | | |
| Tonnage dues | $ 338 62 | |
| Harbour dues—inwards | 174 49 | |
| " outwards | 479 89 | |
| Commutation | 1,356 80 | |
| Rent of wharfs and moorage | 239 49 | |
| | | $ 2,589 29 |

| | | | |
|---|---|---|---|
| Custom-house— | | | |
| Tonnage dues | $ 2,696 76 | | |
| Harbour dues—inwards | 2,013 61 | | |
| " outwards | 2,506 74 | | |
| Moorage | 432 09 | | |
| | | 7,619 20 | |
| Total collection | | | $ 10,208 49 |
| Proceeds from— | | | |
| Sale of debentures | $ 31,500 00 | | |
| Interest on deposits | 161 69 | | |
| | | | 31,661 69 |
| Deposit in bank and cash, January 1, 1900 | | | 18,389 68 |
| | | | 60,259 86 |

## RECEIPTS and Disbursements of Harbour Commission of Three Rivers, &c.—*Concluded.*

### DISBURSEMENTS.

| MONTHS. | EXPENSES FOR ADMINISTRATION. | | | | | | DISBURSEMENTS CHARGEABLE TO | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current expenses. | Salaries and Commissions.. | Rent. | Printing and Stationery | Travelling and other expenses. | Refunds. | Engineer's office. | Repairs. | Construction account. | Plants and Tools. | Property account. | Interest account. | Divers. |
| | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. |
| January..... | 56 58 | 157 33 | ..... | ..... | ..... | 23 43 | ..... | 14 05 | 2,151 05 | ..... | ..... | 2,262 50 | 477 50 |
| February.... | 16 35 | 157 33 | 50 00 | ..... | ..... | ..... | 10 30 | ..... | 3,155 15 | ..... | ..... | 125 00 | ..... |
| March..... | 22 81 | 157 33 | ..... | ..... | ..... | 173 88 | 15 85 | 6 75 | 1,370 02 | ..... | ..... | ..... | ..... |
| April..... | 12 35 | 181 33 | 50 00 | ..... | ..... | ..... | 13 27 | 236 14 | 4,326 51 | 8 00 | ..... | ..... | ..... |
| May ..... | 18 14 | 165 33 | ..... | ..... | ..... | ..... | 2 50 | 108 47 | 223 10 | ..... | ..... | ..... | ..... |
| June ... .... | 16 85 | 165 33 | ..... | ..... | ..... | 17 51 | ..... | 46 90 | 302 25 | ..... | ..... | ..... | ..... |
| July..... | 33 18 | 165 33 | 50 00 | 6 35 | *25 00 | 7 57 | ..... | 28 50 | 232 50 | ..... | ..... | 2,387 50 | 477 50 |
| August..... | 28 40 | 165 33 | ..... | 1 50 | ..... | ..... | ..... | 61 75 | 288 76 | ..... | ..... | 1 45 | ..... |
| September... | 13 93 | 165 33 | ..... | 14 02 | ..... | ..... | 7 25 | 59 95 | 246 01 | ..... | ..... | 1 50 | ..... |
| October..... | 17 07 | 165 33 | ..... | ..... | ..... | ..... | 2 50 | 56 97 | 9,353 00 | ..... | ..... | ..... | ..... |
| November... | 38 05 | 165 33 | 50 00 | ..... | ..... | ..... | 5 05 | 464 32 | 11,222 39 | ..... | ..... | ..... | ..... |
| December.... | 45 35 | 405 94 | ..... | 55 45 | ..... | ..... | 24 50 | 59 38 | 8,185 80 | 60 44 | ..... | 78 50 | ..... |
| | 319 06 | 2,216 57 | 200 00 | 77 32 | 25 00 | 222 39 | 81 22 | 1,143 18 | 41,056 54 | 68 44 | ..... | 4,856 45 | 955 00 |

* Legal.

*Recapitulation.*

| | | |
|---|---|---|
| Administration— | | |
| Current expenses..... | $ 319 06 | |
| Salaries and commissions.. | 2,216 57 | |
| Rent..... | 200 00 | |
| Printing and stationery ... | 77 32 | |
| Legal expenses.. ... ..... | 25 00 | |
| Refunds..... | 222 39 | |
| | | $ 3,060 34 |

| | | | |
|---|---|---|---|
| Interest on debentures..... | $ 4,856 45 | | |
| Sinking fund..... | 955 00 | | |
| | | 5,811 45 | |
| Total expenses on revenue..... | | | $10,096 19 |
| Disbursements on capital— | | | |
| Construction account..... | 41,056 54 | | |
| Plants and tools. ..... | 68 44 | | |
| | | 41,124 98 | |
| Total disbursements..... | | | $ 51,221 17 |
| Deposit in bank and cash December 31, 1900..... | | | 9,038 69 |
| | | | 60,259 86 |

GEORGE BALCER,
*Secretary-Treasurer.*

THREE RIVERS, January 15, 1901

# APPENDIX No. 6.

## REPORT OF THE PICTOU HARBOUR COMMISSIONERS FOR THE YEAR ENDED DECEMBER 31, 1900.

PICTOU, N.S., January 10, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose you accounts of the Harbour Commissioners of the Port of Pictou, for the year ending December 31, 1900; also, a statement from the Collector of Customs for this port.

Yours very truly,

HENRY G. IVES,
*Secretary.*

STATEMENT of account of Harbour Dues at the Port of Pictou, N.S., for Year ending December 31, 1900.

| 1899. | RECEIPTS. | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31.. | By Balance in bank of Nova Scotia..... | ..... | 70 00 |
| 1900. | | | |
| Dec. 31.. | Receipts harbour dues during year 1900, 50,139 tons at 1½c. per ton. | ..... | 752 08 |
| | | | 822 08 |
| | EXPENDITURE. | | |
| " 31.. | To Jas. A. Fraser, harbour master, during year ending December 31, 1900..... | 266 66 | |
| " 31.. | Deposited to the credit of Harbour Commissioners..... | 430 42 | |
| | | | 697 08 |
| " 31.. | Balance in Bank of Nova Scotia..... | ..... | 125 00 |

JAS. A. RUSSELL,
*Acting Collector of Customs.*

PICTOU, December 31, 1900.

HARBOUR COMMISSIONERS, Port of Pictou, N.S., in account with Henry G. Ives, Secretary.

| 1900. | | $ cts. | 1900. | | | $ cts. |
|---|---|---|---|---|---|---|
| Jan. 12 | To Jas. Kennedy, repairs to New Glasgow wharf | 4 75 | Jan. 1 | By Balance per account | | 891 63 |
| Mar. 28 | Geo. Chisholm, lumber for ballast, wharf buoy | 24 00 | Dec. 31 | Amount deposited by Collector of Customs | | 430 42 |
| April 5 | D. Johnson, labour, material, ballast, wharf buoy | 24 63 | " 31 | Amount of deposit receipt | $ 2,500 00 | |
| May 3 | Joseph Graham, wharfinger at New Glasgow | 25 00 | " 31 | Amount of interest on deposit receipt | 87 50 | 2,587 50 |
| " 5 | Mell. McDonald, poles for East River | 4 40 | | | | |
| " 9 | Putting out buoys and bushing channel to East River | 30 00 | | | | |
| " 9 | Jno. McRae, bushing Middle River | 8 00 | | | | |
| " 22 | Thos. Fraser, bushing West River | 8 00 | | | | |
| June 9 | Duncan Johnson, launching buoy | 2 00 | | | | |
| " 20 | Painting buoys | 3 00 | | | | |
| Sept. 11 | Fixing buoys at loading ground | 3 00 | | | | |
| " 13 | W. B. Ives, typewriting | 1 30 | | | | |
| " 14 | Roderick Graham, bushing East River | 20 00 | | | | |
| Dec. 12 | Secretary's salary | 100 00 | | | | |
| " 17 | Taking in buoys | 24 00 | | | | |
| " 31 | Deposit receipt 49651 (January 2, 1901) | 2,587 50 | | | | |
| " 31 | Balance in Bank of Nova Scotia | 1,039 97 | | | | |
| | | 3,909 55 | | | | 3,909 55 |
| | | | Jan. 1 | Balance in Bank of Nova Scotia, | | 1,039 97 |

HENRY G. IVES,
*Secretary.*

PICTOU, January 2, 1901.

# APPENDIX No. 7.

## REPORT OF THE HARBOUR COMMISSIONERS OF NORTH SYDNEY FOR THE YEAR ENDED DECEMBER 31, 1900.

OFFICE OF HARBOUR COMMISSIONERS,
NORTH SYDNEY, C.B., May 15, 1901.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—The Harbour Commissioners for this port beg to submit herewith a statement of receipts and expenditure in connection with the harbour for the year ending December 31, 1900. Also the number of vessels that arrived here during the year, giving the total tonnage and classification.

The Dominion Iron and Steel Company, Limited, have made large importations of iron ore and material that entered into construction of their extensive works at Sydney, which accounts to a great extent for the increase of 100 ocean steamers, having a tonnage of 270,000 tons over the preceding year.

The Commissioners have much pleasure in stating that notwithstanding the large number of vessels using this port, there is not one report of any vessel taking the bottom while entering or leaving the harbour, in fact not a vessel stranded during the year between Scattarie and St. Paul's.

Ship owners and masters, however, have been urging the necessity of improvement in our harbour lights and those in this vicinity, and the Commissioners understand that your engineer, who investigated this matter, will recommend certain changes which will remove some of the difficulties complained of.

The expenditure during the past year has been chiefly in connection with the repairs and extension of the breakwater. The unusually heavy gales during the latter part of the year damaged the work considerably, but the whole front of the breakwater has now been faced with good piling and well secured.

There has been no interruption to shipping at this port during the past winter months. The ss. *Bruce* has made regular trips during the winter season connecting with the Newfoundland railway.

Your obedient servant,

WM. HACKETT,
*Secretary.*

NUMBER, tonnage and classification of vessels that arrived at this port during the year ending December 31, 1900, navigated by 27,456 men.

| | No. | Tonnage. |
|---|---|---|
| Ocean steamers | 691 | 860,075 |
| Ships | 1 | 1,468 |
| Coasting steamers | 158 | 49,963 |
| Barques | 8 | 5,808 |
| Barkentines | 13 | 4,324 |
| Brigantines | 13 | 1,919 |
| Schooners | 875 | 67,310 |
| | 1,759 | 990,867 |

Coal shipments—

| | Tons. |
|---|---|
| Nova Scotia Steel Co., Ltd | 216,300 |
| North Sydney Coal Mining Co. | 7,000 |
| Dominion Coal Co, Ltd. (fiscal year) | 2,044,877 |

HARBOUR COMMISSIONERS' Statement of Receipts and Expenditure for the Year ending December 31, 1900.

| 1900. | RECEIPTS. | $ cts. |
|---|---|---|
| Jan. 1 | Amount on hand | 2,680 35 |
| " 6 | Received harbour dues | 17 08 |
| " 13 | " " | 22 17 |
| " 20 | " " | 32 35 |
| Feb. 10 | " " | 58 70 |
| April 3 | " " | 52 53 |
| " 18 | " " | 85 50 |
| " 26 | " " | 44 34 |
| " 27 | " " | 28 05 |
| May 12 | " " | 78 81 |
| " 18 | " H. Snyder | 10 00 |
| " 19 | " Harbour dues | 71 68 |
| " 26 | " " | 27 48 |
| " 31 | " " | 68 62 |
| June 9 | " " | 79 56 |
| July 31 | " " | 585 17 |
| " 31 | " " | 31 55 |
| Sept. 10 | " " | 174 30 |
| " 26 | " Captain LeBlanc | 3 00 |
| Oct. 15 | " Harbour dues | 325 00 |
| " 15 | " " | 44 34 |
| Dec. 11 | " " | 48 99 |
| " 11 | " " | 306 75 |
| " 28 | " " | 47 70 |
| " 31 | " " | 688 70 |
| | | 5,612 72 |

| 1900. | EXPENDITURE. | $ cts. |
|---|---|---|
| Jan. 31 | Paid W. H. Lane, printing | 2 50 |
| Feb. 6 | " W. F. Tutly, truckage | 2 00 |
| March 9 | " J. Beaton, acct. of piling | 29 11 |
| April 3 | " Wm. McInnis " " | 53 75 |
| " 5 | " Neil McSween " " | 22 39 |
| " 5 | " freight on piling | 9 00 |
| " 12 | " R. Scouplie, acct. piling | 21 28 |
| " 12 | " J. Treen, plans, speci., copy | 22 50 |
| " 17 | " McMullin & Ball, piling | 322 57 |
| May 21 | " freight on logs and piling | 13 50 |
| June 18 | " J. W. Gordon | 93 33 |
| " 25 | " Davis & Henderson | 5 13 |
| " 25 | " *Record*, printing | 3 75 |
| Sept. 10 | " Discount on Bruce cheque | 0 50 |
| " 10 | " Telegrams | 0 75 |
| " 17 | " J. D. McNeill, acct. logs | 87 63 |
| " 22 | " Black Bros. & Co. rope & exp. | 11 24 |
| " 22 | " labour on breakwater | 106 75 |
| " 24 | " G. B Ingraham | 51 25 |
| " 29 | " *N. S. Herald*, printing | 8 25 |
| Oct. 2 | " Intercolonial Ry., freight | 28 80 |
| 6 | " labour on breakwater | 286 38 |
| " 17 | " Angus McLean, acct. logs | 60 84 |
| " 19 | " Jas. Connell, iron and bolts | 67 30 |
| " 20 | " labour on breakwater | 273 96 |
| " 31 | " Hy. Ball, acct. logs | 30 25 |
| " 31 | " Rod. McDonald, acct. logs | 12 50 |
| Nov. 3 | " labour on breakwater | 245 90 |
| " 6 | " J. J. Johnson for hardwood | 51 30 |
| " 16 | " tug "Zaidee," towing scows | 14 00 |
| " 16 | " Sidney Salter, lumber acct. | 31 79 |
| " 17 | " paid labour on breakwater | 149 75 |
| " 17 | " Wm. Moore, truckage | 3 50 |
| " 19 | " R. Musgrove, iron, bolts, etc. | 113 07 |
| " 26 | " Intercolonial Ry., freights | 20 25 |
| Dec. 3 | " John Walsh, storage | 4 50 |
| " 5 | " W. F. Tutly, ballast, trucking | 42 75 |
| " 14 | " Michael Morrison, labour | 10 00 |
| " 14 | " McDonald & Treen, b.w. ex. | 543 45 |
| " 19 | " J. D. McKinnon, acct. logs | 161 33 |
| " 19 | " Bent & Cahoon | 2 37 |
| " 20 | " A. A. McDonald, acct. logs | 24 37 |
| " 20 | " unloading car logs | 2 56 |
| " 28 | " P. McDonald | 275 00 |
| " 31 | " M. W. Lawlor | 181 67 |
| " 31 | " Office | 75 00 |
| " 31 | " J. Shean, harbour master | 400 00 |
| " 31 | " V. E. Bown, acct pd. Mrs. Bown | 22 50 |
| " 31 | " Wm. Hackett | 400 00 |
| | Balance on hand | 1,210 51 |
| | | 5,612 72 |

PETER J. McDONALD
M. H. LAWLOR,
WM. HACKETT,
} *Harbour Commissioners.*

NORTH SYDNEY, C.B., Feb. 8, 1901.

# APPENDIX No. 8.

## REPORT OF THE PILOTAGE DISTRICT OF MONTREAL FOR THE YEAR ENDED DECEMBER 31, 1900.

HARBOUR COMMISSIONERS OF MONTREAL,
SECRETARY'S OFFICE, MONTREAL, February 28, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, as the Pilogage Authority, to transmit, for the information of the Honourable the Minister of Marine and Fisheries, the following report of the Pilotage District of Montreal for the year ended December 31, 1900:

The accompanying statement gives the names, earnings, &c., of all the pilots for the past season, and shows a decrease in the latter of $9,597.99, which may be accounted for by the absence from the St. Lawrence of a number of vessels chartered as transports for South Africa.

The total amount of pilotage dues was received from the following services, namely:

BRITISH.

| | | |
|---|---|---|
| Steamships | $53,290 25 | |
| Sailing vessels | 280 35 | |
| | | $53,370 60 |

FOREIGN.

| | | |
|---|---|---|
| Steamships | $11,457 84 | |
| Sailing vessels | 161 25 | |
| | | 11,619 09 |
| Total | | $65,189 69 |

Before the opening of the season, the selection of pilots for special service was made in conformity with by-law 109 of the Commissioners, on application being made by the pilots.

On April 18, pilot Elzéar Bellisle, sixty-six years of age, was granted a renewal of his license for another year, after having filed a medical certificate to the effect that his eyesight was normal, and after being examined under the provisions of by-law 103.

Before the opening of navigation, pilot François Desjordy, of Lavaltrie, who had been on the pension list since May 1, 1897, on account of impaired eyesight, submitted medical certificates to the effect that his sight was irreparably impaired. In view thereof he was placed permanently upon the pension list from May 1, 1900.

Pilot Louis Mayrand, of Ste. Anne de la Pérade, who was licensed on December 9, 1880, submitted a medical certificate to the effect that his hearing was irreparably impaired, and in view thereof the Commissioners placed him on the pension list from May 1, 1900.

Pilot Jean Arcand, of Deschambault, who was licensed on December 10, 1879, submitted a medical certificate to the effect that his eyesight was irreparably impaired, and in view thereof he was placed on the pension list from October 1, 1900.

Three new pilots were granted branches after complying with all the requirements of the by-laws. They are, Anthime Perrault, of Deschambault, on May 1; Achille Bélanger, of Lotbinière, on May 19, and J. N. Raymond, of Deschambault, on October 2.

With these additions, there are fifty-five pilots on the list, which is the number allowed by by-law No. 99.

In April, an examination of apprentice pilots was held at which there were seven candidates, of whom Messrs. J. N. Raymond and Henri Bourassa were successful; and in December another examination was held, at which there were six candidates, of whom Messrs. J. E. Pleau, George Veillet, Melville Labranche, Azarias Paquin and Damien Paquet passed a satisfactory examination. They were all granted permits in accordance with by-law No. 96 of the Commissioners.

The following list gives the names, age, residence and date of license of each apprentice pilot now serving his time under this authority:

LIST OF APPRENTICE PILOTS.

| No. | Name. | Age. | Residence. | Date of License. |
|---|---|---|---|---|
| 1 | *Pleau, J. E. | 30 | Ste. Anne de la Pérade | November, 11, 1890. |
| 2 | *Veillet, George | 31 | " " | July 19, 1892. |
| 3 | *Labranche, Melville | 26 | Portneuf | October 11, 1892. |
| 4 | Gagnon, Albert | 25 | Three Rivers | " 11, 1892. |
| 5 | *Paquin, Azarias | 27 | Deschambault | " 11, 1892. |
| 6 | Gignac, Arthur | 27 | Portneuf | " 11, 1892. |
| 7 | *Paquet, Damien | 27 | Deschambault | May 30, 1893. |
| 8 | §Bourassa, Henri | 25 | " | October 24, 1893. |
| 9 | Angers, Alfred | 24 | Ste. Anne de la Pérade | January 30, 1894. |
| 10 | Garépy, J. A. U | 21 | St. Albans | June 2, 1896. |

* Passed examination, [see report.]

§ Permit issued 26th April, 1900, [Art. 96, Harbour Commissioners' By-laws.]

Thirty-three applicants to be placed on the list of apprentice pilots have been examined, and the following were given until June 1, 1901, to take out their license as apprentices, and to rank in the following order :

LIST OF APPLICANTS FOR LICENSE OF APPRENTICE PILOT,

| No. | Name. | Residence. | Date of Application. |
|---|---|---|---|
| 1 | Gariépy, Jos. Phil. Arth | Lachevrotière | January 16, 1894. |
| 2 | Frenette, Oswald | Portneuf | March 1, 1894. |
| 3 | Hamelin, Chas. B. | Champlain | November 17, 1896. |
| 4 | Perron, Tancrède | Deschambault | " 28, 1896. |
| 5 | Angers, J. B. | Ste. Anne de la Pérade | " 28, 1896. |
| 6 | Patoine, J. B., jr. | Sydney, C.B. | December 3, 1896. |
| 7 | Frenette, Delavoie | Portneuf | January 25, 1897. |
| 8 | Gauthier, Laurent J | Deschambault | March 26, 1897. |
| 9 | Perrault, fils, David | " | April 8, 1897. |
| 10 | Hamelin, Fortunat | " | " 19, 1897. |
| 11 | Gauthier, Cyriac | " | May 9, 1897. |
| 12 | Royer, fils, Joseph | 606 St. Valier St., Quebec | " 23, 1897. |
| 13 | *Perrault, Jean | Deschambault | " 25, 1897. |
| 14 | Carpentier, Eugène | Champlain | June 28, 1898. |
| 15 | Fortier, J. Philéas | St. Jean, Isle of Orleans | August 27, 1898. |
| 16 | Rivard, Frs. Xavier | Groundines | September 12, 1898. |
| 17 | Myrand, Joseph | Lachevrotière | November 6, 1898. |
| 18 | Arcand, Arthur | Portneuf | " 9, 1898. |
| 19 | *Frenette, Georges | " | " 9, 1898. |
| 20 | *Gariépy, Hercule | Deschambault | " 18, 1898. |
| 21 | Paquin, Emile | " | December, 2, 1898. |
| 22 | Arcand, Alfred | Grondines | April 11, 1899. |
| 23 | Bouillé, Henri | Deschambault | August, 5, 1899. |
| 24 | Lachance, Napoléon | Riv. Lafleur, Isle of Orleans | " 6, 1899. |
| 25 | *Labranche, L. George | Portneuf | " 16, 1899. |
| 26 | Larochelle, Eugène | St. Michel de Bellechasse | November 11, 1899. |
| 27 | Rodrigue, Emile | Deschambault | January 30, 1900. |
| 28 | Perron, Théod. | " | April 14, 1900. |
| 29 | Arcand, Arthur | Champlain | May 1, 1900. |
| 30 | §Gagnon, Henri | " | " 9, 1900. |
| 31 | Rousseau, Oscar | St. Michel de Bellechasse | " 10, 1900. |
| 32 | Dussault, Bona | St. Albans, Portneuf Co. | " 14, 1900. |
| 33 | Paquin, Côme | Deschambault | July 5, 1900. |
| 34 | Labranche, Chas. Ed | Portneuf | " 26, 1900. |
| 35 | *Arcand, Joseph Arthur | Champlain | August 6, 1900. |
| 36 | Boudreau, Anthime | Deschambault | " 11, 1900. |
| 37 | Gariépy, Laurent | " | September 21, 1900. |

§ Has not been examined.
* To furnish another certificate as to eyesight.

The amounts received and expended by the Harbour Commissioners, as Pilotage Authority of the district, apart from their receipts and disbursements, in trust for the Montreal Decayed Pilots' Fund, of which the annual report and statements have been sent you, were as follows :

RECEIVED.

| | |
|---|---|
| From J. A. T. Perrault, fee of pilot's license | $ 10 00 |
| A. Bélanger " | 10 00 |
| J. N. Raymond " | 10 00 |
| Fees on 9 licenses as apprentice pilots at $5 each | 45 00 |
| Pilots 2 p.c. of the pilotage dues on sundry vessels | 12 99 |
| Collector of Customs, Sorel, 2 p.c. of the pilotage dues on vessels to and from Sorel | 10 77 |
| Collector of Customs, Three Rivers, 2 p.c. of the pilotage dues on vessels to and from Three Rivers and Batiscan | 30 40 |
| Collector of Customs, Montreal, 2 p.c. of the pilotage dues on vessels to and from Montreal | 1,228 90 |
| Total | $ 1,358 06 |

EXPENDED.

| | |
|---|---|
| By Wm. Miray, expenses from Quebec to Montreal *re.* A. Bellisle vs. the Commissioners | $ 18 00 |
| W. Loriot, Quebec, bailiff's fees | 0 87 |
| Five pilots, attendance at examination of apprentice pilots | 323 30 |
| Dominion Express Company, parcel to Quebec | 0 35 |
| Geoffrion, Geoffrion, Roy & Cusson, professional services. | 164 40 |
| Urquhart & Wright, stenographers' fees *re* investigations ss. *Ottoman* | 21 30 |
| L. Gauthier, pilot, expenses *re* investigation ss. *Ottoman.* | 5 00 |
| Five pilots, attendance at examination of applicants for apprenticeship | 192 45 |
| Contribution towards the expenses of the pilotage office at Quebec which were $955.81, including agent's salary of $500 | 600 00 |
| Printing, stationery, &c | 43 50 |
| Pilots' certificates | 39 00 |
| Total | $ 1,408 17 |

The above statement shows that the expenses were $50.11 over the receipts, which with the deficiency of $757.44 from 1899, leaves an over-expenditure for six years of $807.55.

The tariff of pilotage dues which has been in force since March, 1877, is as follows :

From the harbour of Quebec to Three Rivers and the opposite side of the River St. Lawrence, or any place above Portneuf and below Three Rivers :

For the pilotage of any vessel in tow, or propelled by steam (except as hereinafter mentioned), for each foot of draught of water :

| | |
|---|---|
| Upwards | $ 1 50 |
| Downwards | 1 50 |

For the pilotage of any sea-going vessel propelled by steam, for each foot of draught of water:

| | |
|---|---|
| Upwards | $ 1 75 |
| Downwards | 1 75 |

For the pilotage of any vessel under sail, for each foot of draught of water:

| | |
|---|---|
| Upwards | $ 2 60 |
| Downwards | 1 90 |

From the harbour of Quebec to Sorel and the opposite side of the River St. Lawrence, or any place above Three Rivers and below Sorel:—

For the pilotage of any vessel in tow, or propelled by steam (except as hereinafter mentioned), for each foot of draught of water:

| | |
|---|---|
| Upwards | $ 1 50 |
| Downwards | 1 50 |

For the pilotage of any sea-going vessel propelled by steam, for each foot of draught of water:

| | |
|---|---|
| Upwards | $ 1 87½ |
| Downwards | 1 87½ |

For the pilotage of any vessel under sail, for each foot of draught of water:

| | |
|---|---|
| Upwards | $ 3 15 |
| Downwards | 2 10 |

From the harbour of Quebec to the harbour of Montreal, or to any place above Sorel and below the harbour of Montreal:

For the pilotage of any vessel in tow, or propelled by steam (except as hereinafter mentioned), for each foot of draught of water:

| | |
|---|---|
| Upwards | $ 2 00 |
| Downwards | 2 00 |

For the pilotage of any sea-going vessel propelled by steam, for each foot of draught of water:

| | |
|---|---|
| Upwards | $ 2 50 |
| Downwards | 2 50 |

For the pilotage of any vessel under sail, for each foot of draught of water:

| | |
|---|---|
| Upwards | $ 4 20 |
| Downwards | 2 80 |

From the harbour of Montreal to Sorel, or to any place above Sorel and below Hochelaga, and from Sorel, or any place above Sorel and below Hochelaga, to the harbour of Montreal, for each foot of draught of water for each such pilotage:

| | |
|---|---|
| Upwards | $ 1 00 |
| Downwards | 1 00 |

For the removal of any vessel from one wharf to another, within the limits of the harbour, or from any of the wharfs into the Lachine canal; or out of the said canal to any of the wharfs in the harbour; or from the foot of the current; or from Longueuil

into the harbour; or from the harbour to the foot of the current or to Longueuil; for each service $5.

The following are the mishaps which called for investigation:

On August 29, the ss. *Thor*, from Quebec upwards, in charge of pilot Jean Arcand, grounded outside the channel, in a bank of sand and sawdust. The pilot explained that a sudden indisposition which affected his sight caused him to mistake a red buoy for a black one, and filed a medical certificate to the effect that his eyesight was seriously affected, and at the same time asked to be superannuated. In view of these facts and considering that the vessel sustained no damage, the request was granted, after the complaint against the pilot had been withdrawn.

Leaving port on October 10, the ss. *Ottoman*, in charge of pilot Prudent Beaudet, touched off Ile Ronde and sustained injury. The agents of the line asked for an investigation, which was held, no blame being attached to anybody, but the Commissioners decided to call the attention of steamship agents to the advisability of vessels retaining the tugs until they are fully under the control of their rudder.

On November 4, after undergoing repairs, the ss. *Ottoman* on leaving port struck the Dobell wharf. The pilot attributed the cause of the mishap to the jamming of the stearing gear, and after a careful investigation the Commissioners came to the following conclusion: 'That from the evidence adduced, the Commissioners find that where the mishap occurred, the channel has a width of 1,000 feet and the full depth of water, but have failed to discover the real cause of the mishap, and cannot attach any direct blame to the persons in charge of the vessel.'

And made the following recommendation: that before leaving port, captains and pilots of vessels ascertain that all the machinery is in perfect working order, and that there is sufficient steam to propel the vessel at fu speed, and work the stearing gear effectually.

The water in the channel kept at a very satisfactory depth throughout the season, except in the three last months when it went below the normal (27 ft. 6 in.) several times. From May 1 to December 1, the highest mark reached was 35 feet 1 inch, and the lowest 26 feet 9 inches on November 18.

Appended is a list of vessels which passed down during the latter part of the season, drawing 26 feet and over, with the relative depth in the channel on the day of passage, as indicated by the Government gauge at Sorel.

STATEMENT showing the Draught of Steamships for part of Season of 1900, drawing 26 feet and over.

| Date. | Steamers. | | Draught when stationary in harbour by Pilot's report. | | Depth of water in channel by Sorel Gauge. | |
|---|---|---|---|---|---|---|
| | | | Ft. | in. | Ft. | in. |
| Aug. 1 | SS. Sarmatian, | down | 27 | 0 | 29 | 4 |
| " 3 | Iona | " | 26 | 0 | 29 | 0 |
| " 4 | Montfort | " | 26 | 6 | 28 | 10 |
| " 4 | Roman | " | 27 | 0 | 28 | 10 |
| " 4 | Manchester Commerce | " | 26 | 0 | 28 | 10 |
| " 8 | Pomeranian | " | 26 | 4 | 28 | 8 |
| " 10 | Amarynthia | " | 26 | 3 | 29 | 0 |
| " 11 | Vancouver | " | 26 | 0 | 29 | 2 |
| " 22 | Devona | " | 26 | 0 | 28 | 3 |
| " 23 | Monteagle | " | 26 | 5 | 28 | 2 |
| " 25 | Dominion | " | 26 | 0 | 28 | 2 |
| " 30 | Rapidan | " | 26 | 3 | 28 | 0 |
| " 31 | Cambroman | " | 26 | 6 | 27 | 9 |
| Sept. 5 | Sarmatian | " | 26 | 6 | 27 | 0 |
| " 5 | Ottoman | " | 26 | 1 | 27 | 0 |
| " 8 | Roman | " | 26 | 0 | 27 | 3 |
| " 11 | Pomeranian | " | 26 | 5 | 27 | 8 |
| " 11 | Montreal | " | 26 | 2 | 27 | 8 |
| " 15 | Vancouver | " | 26 | 0 | 27 | 7 |
| " 18 | Hurona | " | 26 | 3 | 27 | 6 |
| " 23 | Ramore Head | " | 26 | 0 | 27 | 8 |
| " 27 | Monteagle | " | 26 | 6 | 27 | 9 |
| " 28 | Dominion | " | 26 | 2 | 27 | 11 |
| Oct. 5 | Lake Ontario | " | 26 | 0 | 27 | 9 |
| " 6 | Cambroman | " | 26 | 6 | 28 | 2 |
| " 10 | Sarmatian | " | 26 | 8 | 28 | 8 |
| " 13 | Roman | " | 26 | 0 | 28 | 6 |
| " 16 | Pomeranian | " | 27 | 0 | 27 | 8 |
| " 31 | Monteagle | " | 26 | 0 | 27 | 9 |
| Nov. 13 | Sarmatian | " | 26 | 9 | 28 | 0 |
| " 17 | Pomeranian | " | 26 | 8 | 27 | 0 |
| " 19 | Amarynthia | " | 26 | 0 | 28 | 0 |

The semaphores at Cap Santé and Cap à la Roche were worked throughout the season, and were of great benefit to the pilots passing at those places at the lower stages of the tide.

In view of reports that certain vessels had been discharging ashes in the channel, the same notice to mariners as was issued in former years was sent to the shipping firms and agents.

The usual edition of tide-tables which were furnished by the Department of Marine and Fisheries was issued by the Commissioners, in both English and French, and was distributed among the pilots and shipping firms.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH,
*Secretary.*

HARBOUR COMMISSIONERS OF MONTREAL,
SECRETARY'S OFFICE, MONTREAL, January 9, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, to transmit you herewith, for the information of the Honourable the Minister of Marine and Fisheries, the usual statements (1) Receipts and disbursements of the Montreal Decayed Pilots' Fund, for the year ended December, 31 1900, and (2) Assets of the Fund at December 31, 1900.

The following is an abstract of the former:

RECEIPTS.

| | |
|---|---|
| 5 per cent of pilotage dues collected at Montreal | $ 3,113 44 |
| " " " Three Rivers and Batiscan | 76 00 |
| " " " Sorel | 26 94 |
| " " payable on war vessels | 4 75 |
| | $3,221 13 |
| Interest on investment and cash in bank | 2,340 17 |
| Total | $5,561 30 |

DISBURSEMENTS.

| | |
|---|---|
| Pensions to old pilots and widows of pilots and minors | $5,161 89 |
| Audit of the fund for 1899 | 25 00 |
| Postage stamps and stationery | 10 00 |
| Legal opinion | 5 00 |
| Total | 5,201 89 |

Showing a gain for the year of $359.41.

Before the opening of navigation Pilot François Desjordy, of Lavaltrie, who had been on the pension list since May 1, 1897, on account of impaired eye-sight, submitted medical certificates to the effect that his sight was irreparably impaired. In view thereof he was placed permanently upon the pension list, from May 1, 1900.

Pilot Louis Mayrand, of Ste. Anne de la Pérade, who was licensed on December 9, 1880, submitted a medical certificate to the effect that his hearing was irreparably impaired. In view thereof he was placed on the pension list from May 1, 1900.

Pilot Jean Arcand, of Deschambault, who was licensed on December 10, 1879, submitted a medical certificate to the effect that his eye-sight was irreparably impaired, and in view thereof the Commissioners placed him on the pension list, from October 1, 1900.

Widow Placide Gaillardet, of St. Grégoire le Grand, who had been a pensioner for fifteen years, died on December 26, 1899, and, as is customary, the pension for the current quarter was paid to her legal heir.

Old Pilot Joseph B. Dorval, of Cap de la Madeleine, a pensioner for seventeen years, died on November 2, 1900.

At the close of the year there were twenty-three pensioners, namely eleven widows, eleven old pilots, and the minors of one pilot.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH, *Secretary.*

**Dr.** DAVID SEATH, Treasurer, in Account with the Montreal Decayed Pilots' Fund. **Cr.**

| 1900. | | $ cts. |
|---|---|---|
| Jan. 1.. | To Balance from December, 1899 | 3,459 98 |
| " 31.. | Montreal harbour coupons, due January 3, 1900— | |
| | Series R, Nos. 20 and 102=2×$15= $ 30 00 | |
| | " R " 42 and 117-119=4× 30= 120 00 | |
| | " R " 84 =1× 60= 60 00 | |
| | " D " 21 and 45-49 =6× 25= 150 00 | |
| | " F " 164-172 =9× 20= 180 00 | |
| | " G " 289 and 290 =2× 20= 40 00 | |
| | " H " 64, 65, 139-142=6× 20= 120 00 | |
| | " J " 231,246 =16× 20= 320 00 | 1,020 00 |
| Feb. 6.. | City of Montreal, six months' interest to January 1 on $5,000 of 5 per cent Montreal city stock | 125 00 |
| May 30.. | Collector Customs, Montreal, ⅘ Trinity dues, collected in May | 357 10 |
| June 26.. | Five per cent pilotage dues on schooner *Foster*, Quebec to Montreal | 0 60 |
| " 30.. | Collector Customs, Montreal, ⅘ Trinity dues, collected in June | 462 39 |
| July 9.. | Hy. Dobell & Co., 5 per cent pilotage dues, short paid at Custom-house | 1 33 |
| " 31.. | Montreal harbour coupons, due January 5, 1900— | |
| | Series R, Nos. 20 and 102=2×$15= $ 30 00 | |
| | " R " 42 and 117-119=4× 30= 120 00 | |
| | " R " 84 =1× 60= 60 00 | |
| | " D " 21 and 45-49 =6× 25= 150 00 | |
| | " F " 164-172 =9× 20= 180 00 | |
| | " G " 289 and 290 =2× 20= 40 00 | |
| | " H " 64, 65, 139-142=6× 20= 120 00 | |
| | " J " 231-246 =16× 20= 320 00 | 1,020 00 |
| " 31.. | Collector Customs, Montreal, ⅘ Trinity dues, collected in July | 473 22 |

| 1900. | | $ cts. |
|---|---|---|
| Feb. 2.. | By pensions paid to the following for three months ended January 31— | |
| | Heirs L. Bellisle, Deschambault | 37 33 |
| | Widow L. D. Bouillé " | 29 33 |
| | " A. Dufresne " | 37 33 |
| | Heirs P. Gaillardet, St. Grégoire le Grand | 37 33 |
| | Widow V. Gagnon, Champlain | 37 33 |
| | " A. Gauthier, Deschambault | 32 00 |
| | " J. O. Hamelin " | 37 33 |
| | " J. Leveillé, Montreal | 37 33 |
| | " A. Lisé " | 37 33 |
| | " D. Mathieu, Grondines | 32 00 |
| | " Z. Mayrand, Contrecœur | 37 33 |
| | " E. Naud, Sorel | 32 00 |
| | " J. Toupin, Champlain | 32 00 |
| | Old pilot C. Bellisle, Deschambault | 90 00 |
| | " Z. Bouillé " | 90 00 |
| | " D. Cayen, Portneuf | 90 00 |
| | " F. Desjordy, Lavaltrie | 90 00 |
| | " J. B. Dorval, Cap de la Madeleine | 90 00 |
| | " P. Gagnon, Three Rivers | 90 00 |
| | " A. Naud, Montreal | 90 00 |
| | " D. Perrault, Deschambault | 90 00 |
| | " T. Toupin, Roberval | 90 00 |
| May 1.. | By pensions paid to the following for three months ended April 30— | |
| | Heirs L. Bellisle, Deschambault | 37 33 |
| | Widow L. D. Bouillé " | 29 33 |
| | " A. Dufresne " | 37 33 |
| | " V. Gagnon, Champlain | 37 33 |
| | " A. Gauthier, Deschambault | 32 00 |
| | " J. O. Hamelin " | 37 33 |
| | " J. Leveillé, Montreal | 37 33 |
| | " A. Lisé, Montreal | 37 33 |
| | " D. Mathieu, Grondines | 32 00 |
| | " Z. Mayrand, Contrecœur | 37 33 |
| | " J. Toupin, Champlain | 32 00 |
| | " E. Naud, Sorel | 32 00 |
| | Old pilot C. Bellisle, Deschambault | 90 00 |
| | " Z. Bouillé " | 90 00 |

| | | |
|---|---|---|
| Aug. 6.. | To City of Montreal, six months' interest to July 1 on $5,000 of 5 per cent Montreal city stock | 125 00 |
| " 14.. | Pilot P. Bélanger, 5 per cent pilotage dues on ss. *Strathcona*, from Quebec to Montreal, draught 13 feet 6 inches | 1 67 |
| " 31.. | Collector Customs, Montreal, ⅘ Trinity dues, collected in August | 547 25 |
| Sept. 30.. | Collector Customs, Montreal, ⅘ Trinity dues, collected in September | 380 36 |
| Oct. 1.. | Pilot J. S. Labranche, 5 per cent pilotage dues on ss. *Carlo*, Montreal to Quebec, draught 11 feet | 1 37 |
| " 10.. | Pilot Geo. Arcand, 5 per cent pilotage dues on H.M.S. *Tribune*, from Quebec to Montreal and return, draught 19 feet | 4 75 |
| " 31.. | Collector Customs, Montreal, ⅘ Trinity dues, collected in October | 466 84 |
| Nov. 3.. | Pilot A. Bélanger, 5 per cent pilotage dues on American tug *W. S. Grattan*, from Quebec to Montreal, draught 10 feet | 1 25 |
| " 3.. | Pilot Geo. Perreault, 5 per cent pilotage dues on ss. *Tampica*, from Montreal to Quebec, draught 14 feet | 1 75 |
| " 14.. | Pilot C. Bellisle, 5 per cent pilotage dues on ss. *Eureka*, from Montreal to Quebec, draught 11 feet 6 inches | 1 43 |
| " 15.. | Pilot A. Bélanger, 5 per cent pilotage dues on ss. *A. D. Thomson*, from Montreal to Quebec, draught 14 feet | 1 75 |
| " 16.. | Pilot A. Bellisle, 5 per cent pilotage dues on ss. *Paraguay*, from Montreal to Quebec, draught 12 feet 6 inches | 1 55 |
| " 22.. | Collector Customs, Three Rivers, ⅘ Trinity dues, collected at Three Rivers and Batiscan for season of 1900 | 76 00 |
| " 30.. | Pilot J. N. Raymond, 5 per cent pilotage dues on SS. *Assuncion*, from Montreal to Quebec, draught 14 feet 3 inches | 1 79 |
| " 30.. | Collector Customs, Montreal, ⅘ Trinity dues, collected in November | 364 05 |
| Dec. 5.. | Pilot Geo. Arcand, 5 per cent pilotage dues on ss. *Georgetown*, from Montreal to Quebec, draught 13 ft. | 1 61 |
| " 8.. | Collector Customs, Montreal, ⅘ Trinity dues, collected in December | 40 10 |
| | Carried forward | 8,938 14 |

| | | |
|---|---|---|
| | " D. Perrault, Deschambault | 90 00 |
| | " T. Toupin, Roberval | 90 00 |
| July 24.. | Riddell & Common, audit of this fund for the year ending December 31, 1899 | 25 00 |
| " 31.. | Geoffrion & Co., examination of will of the late Geo. Raymond, old pilot | 5 00 |
| Aug. 1.. | By pensions paid to the following for three months ended July 31— | |
| | Heirs L. Bellisle, Deschambault | 37 33 |
| | Widow L. D. Bouillé " | 29 33 |
| | " A. Dufresne " | 37 33 |
| | " V. Gagnon, Champlain | 37 33 |
| | " A. Gauthier, Deschambault | 32 00 |
| | " J. O. Hamelin " | 37 33 |
| | " J. Léveillé, Montreal | 37 33 |
| | " A. Lisé " | 37 33 |
| | " D. Mathieu, Grondines | 32 00 |
| | " Z. Mayrand, Contrecœur | 37 33 |
| | " E. Naud, Sorel | 32 00 |
| | " J. Toupin, Champlain | 32 00 |
| | Old pilot C. Bellisle, Deschambault | 90 00 |
| | " Z. Bouillé " | 90 00 |
| | " D. Cayen, Portneuf | 90 00 |
| | " F. Desjordy, Lavaltrie | 90 00 |
| | " J. B. Dorval, Cap de la Madeleine | 90 00 |
| | " P. Gagnon, Three Rivers | 90 00 |
| | " A. Naud, Montreal | 90 00 |
| | " D. Perrault, Deschambault | 90 00 |
| | " T. Toupin, Normandin | 90 00 |
| | " L. Mayrand, Ste. Anne de la Perade | 90 00 |
| Nov. 1.. | Pensions paid to the following for three months ended October 31— | |
| | Heirs L. Bellisle, Deschambault | 37 33 |
| | Widow L. D. Bouillé " | 29 33 |
| | " A. Dufresne " | 37 33 |
| | " V. Gagnon, Champlain | 37 33 |
| | " A. Gauthier, Deschambault | 32 00 |
| | " J. O. Hamelin " | 37 33 |
| | " J. Léveillé, Montreal | 37 33 |
| | " A. Lisé, Batiscan | 37 33 |
| | " D. Mathieu, Grondines | 32 00 |
| | " Z. Mayrand, Contrecœur | 37 33 |
| | " E. Naud, Sorel | 32 00 |
| | " J. Toupin, Champlain | 32 00 |
| | Old pilot C. Bellisle, Deschambault | 90 00 |
| | " Z. Bouillé " | 90 00 |
| | " D. Cayen, Portneuf | 90 00 |
| | Carried forward | 4,531 89 |

**Dr.** DAVID SEATH, Treasurer, in Account with the Montreal Decayed Pilots' Fund—*Continued.* **Cr.**

| 1900. | | $ cts. | 1900. | | $ cts. |
|---|---|---|---|---|---|
| | Brought forward | 8,938 14 | | Brought forward | 4,531 89 |
| Dec. 13 | To Collector Customs, Sorel, ∮ Trinity dues, collected at Sorel for season of 1900 | 26 94 | | By pensions paid to the following for three months ended October 31—*Con.* | |
| " 31.. | Collector Customs, Montreal, ∮ Trinity dues, collected balance for 1900 | 6 03 | | Old pilot J. B. Dorval, Cap de la Madeleine | 90 00 |
| " 31.. | Montreal City and District Savings Bank, interest at rate of 3 per cent per annum on money deposited during 1900 | 50 17 | | " F. Desjordy, Lavaltrie | 90 00 |
| | | | | " P. Gagnon, Three Rivers | 90 00 |
| | | | | " A. Naud, Montreal | 90 00 |
| | | | | " T. Toupin, Normandin | 90 00 |
| | | | | " L. Mayrand, Ste. Anne de la Perade | 90 00 |
| | | | | " D. Perrault, Deschambault | 90 00 |
| | | | | " J. Arcand " | 30 00 |
| | | | Dec. 31.. | Stationery and postage on pensions remitted during season of 1900 | 10 00 |
| | | | " 31.. | Balance to January, 1901 | 3,819 39 |
| | Total | 9,021 28 | | Total | 9,021 28 |

DAVID SEATH, Treasurer, in Account with the Montreal Decayed Pilots' Fund.

STATEMENT OF THE FUND.

| Nos. | Series. | — | $ ct |
|---|---|---|---|
| | | Montreal harbour debentures— | |
| 20 and 102 | R | Due July 5, 1906, interest at 6 per cent, 2 × $ 500 ... ..... | 1,000 00 |
| nd 117-119 | R | " 5, 1906 " 6 " 4 × 1,000 ..... | 4,000 00 |
| 84 | R | " 5, 1906 " 6 " 1 × 2,000 ..... | 2,000 00 |
| l and 45-49 | D | " 5, 1915 " 5 " 6 × 1,000 ... ..... | 6,000 00 |
| 164-172 | F | " 5, 1917 " 4 " 9 × 1,000 .... .... | 9,000 00 |
| 289-290 | G | " 5, 1918 " 4 " 2 × 1,000 .... ... . | 2,000 00 |
| 64-65 | H | " 5, 1921 " 4 " 2 × 1,000 .... .... | 2,000 00 |
| 139-142 | H | " 5, 1921 " 4 " 4 × 1,000 .... . ... | 4,000 00 |
| 231-246 | J | " 5, 1924 " 4 " 16 × 1,000 ..... | 16,000 00 |
| | | City of Montreal consolidated fund— | |
| 165 | ..... | Due July 1, 1910, interest 5 per cent, 50 × $100..... | 5,000 00 |
| | | Cash in Montreal City and District Savings Bank at 3 per cent... | 3,325 40 |
| | | " hands of harbour commissioners and deposited in City and District Savings Bank on January 10, 1901..... | 493 99 |
| | | | 54,819 39 |

DAVID SEATH,
*Treasurer.*

MONTREAL, December 31, 1900.

We hereby certify that we have examined the entries for the year 1900, as recorded ıe preceding pages, and have found them to agree with vouchers on file. Also, that ıntures and certificates to the amount of $54,819.39, as described in statement on ısite page, have this day been submitted for our inspection.

RIDDELL & COMMON, C.A.,
*Auditors.*

MONTREAL, February 8, 1901.

# APPENDIX No. 9.

## REPORT OF THE PILOTAGE AUTHORITY OF QUEBEC FOR THE YEAR ENDED DECEMBER 31, 1900.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 15, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to transmit you, herewith in duplicate, the Commissioners' report as Pilotage Authority for the year 1900, as also the various statements containing the information yearly conveyed to your department.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1901.

To the Honourable Sir L. H. DAVIES, M.P.,
Minister of Marine and Fisheries,
&c., &c., &c.,
Ottawa.

SIR,—In compliance with the requirements of the 'The Pilotage Act,' 36 Victori chapter 54, section 22, I have the honour to submit the following report from th Quebec Harbour Commissioners as Pilotage Authority, for the year 1900.

### SERVICE OF THE PILOT STATIONS.

The operations of the year began on April 19, by the departure of the pilot schoon *La Vigie* for the pilot station with eight pilots on board.

On April 30 the pilot schooner *La Mouette* left with twelve pilots, and on May 15, 18, 30, twenty-five pilots in all were sent down via the Intercolonial Railway.

As usual the pilot stations have been provided with pilots during the season throu the Intercolonial Railway and the pilot schooners, and no complaints of delay in getti their pilots have been made to the Commissioners.

The Corporation of Pilots having asked the Commissioners to sanction by-la making changes in their pilotage stations, the Commissioners on July 12, addressed circular letter to all the steamship lines, noting the changes that the pilots were aski for, and inquiring if the shipping interest had any suggestions to offer, either as to t locations of the pilotage stations or in securing a better service from them. In reply to this inquiry a letter was received from M. D. A. Watt, Honorary Secretary, Shippi Interest, Montreal, inclosing a reply, signed by the principal steamship lines, recommending:

'That Father Point be made the sole station and all the pilots embarked and landed there. That heretofore the facilities provided at this station have been inefficient and inadequate. The pilot boats should be replaced by a steam tender of sufficient size and power to perform the work, and they further suggested that the Dominion authorities be approached with a view to the granting of pratique to healthy vessels, and the landing and embarking of mails with the pilotage service, and they also pointed out the necessity which exists for a shelter wharf at Father Point.'

The Commissioners, who had been for some time previous to this in communication with the Corporation of Pilots in regard to establishing a steam tender service at the pilotage station, appointed a special committee to consider the whole question. This committee has examined Capt. Dorion, of the steamer *Rhoda*, and some of the most experienced of the Lower St. Lawrence pilots, but so far have not made any definite recommendation.

### OLD PILOTS.

Previous to the opening of navigation the pilots (eight in number) who had attained the age of sixty-five and over, were summoned before the Commissioners under the authority of the 32nd section of the Pilotage Act, in order to ascertain whether they could continue in the exercise of their duties for the ensuing year. These old pilots had previously to this all passed an examination before a specialist, selected by the Pilotage Authority, as to their eyesight, colour sight and hearing, and upon this final examination before the Commissioners, were all found competent to perform their duties, and their licenses were accordingly renewed for one year.

### REMOVALS AND SUPERANNUATIONS.

There has been no application for superannuation by the pilots during 1900.

One pilot, Mr. Nazaire Curodeau, who has been absent from his duties for two consecutive years, without leave, was removed by the Commissioners from the active list, and his branch cancelled under the authority of the 30th section of the Pilotage Act.

### DEATHS.

Four pilots have died during the year, viz.:—Aug. Couillard Després, admitted June 3, 1856; Arthur Doiron, admitted July 24, 1888; Jean Delisle, admitted January 5, 1866; Jean Gobeil, admitted January 17, 1862.

The Commissioners are pleased to note and record that these pilots, three of whom have a very lengthened service, (Mr. Després' extending to nearly half a century) have left a clear and unblemished record, not one accident or complaint appearing against their nam s in the register.

### ADMISSIONS TO PRACTISE.

The limitation established by section 24 of the Pilotage Act, as to the granting of licenses having again been reached through the deaths and removals of pilots in 1900, the three remaining apprentices who had completed their term and had been waiting admission for some years, were, after a most thorough examination by the Pilotage Authority, in which they were assisted by Messrs. R. Demers and A. Santerre, two of the most experienced pilots on the river, admitted to practise as branch pilots for and below the harbour of Quebec, their names being:—

Léonidas Lachance, admitted February 27, 1900; Eudore Langlois, admitted March 28, 1900; Frs. X. E. alias William Doiron, admitted March 28, 1900.

This clears the list of the apprentice pilots eligible for admission as pilots, as the two remaining apprentices have been absent from the fall of 1877, and may be considered as dead.

TRIALS.

One complaint was made and came before the Commissioners during the season of 1900, that of the master of the ss. *Turret Bay*, against his pilot, Jos. Larochelle, No. 80, for running that vessel ashore on Goose Island. Case was heard on November 5, 10, 17 and 19, the pilot being found guilty and suspended for nine months.

PILOTAGE EARNINGS.

According to a return received from the Secretary-Treasurer of the Corporation of Pilots for and below the harbour of Quebec, their gross earnings for the season have been $111,737.89. Out of this $107,939.47 was received from 778 British vessels, and the balance, $3,798.42, from 45 foreign vessels.

The total expense (including percentage for pension fund) has been $22,566.02, leaving a net balance of $89,171.87 to be divided among 120 pilots, which would give net earnings of $743, the payments actually made amounting to $746 each.

RANGE AND RIVER LIGHTS.

The building of the Great Northern Railway Company's elevator having been found to interfere with the utility of the range lights on the battery, they were removed from there and placed on the marine tower on the cross wall. This change has restored their usefulness and has met with the approval of the Corporation of Pilots. The Government having leased a site for the erection of the lighthouse on the west point of the Island of Orleans, the Commissioners trust to see this much needed improvement in operation at the opening of the ensuing season of navigation.

*Permanent Lighthouse Traverse.*—The Chief Engineer of the Department of Marine and Fisheries, accompanied by Hon. Mr. Dobell and a number of our most experienced pilots, paid a visit of inspection to this pier in July last, and after this inspection, Hon. Mr. Dobell reported to the Commissioners that the pilots had expressed themselves as well satisfied with the location of the lighthouse in the Traverse.

DIRECTORS OF THE CORPORATION OF PILOTS.

At their annual meeting on the 10th day of December last, the Pilots elected the following directors to their Corporation for the ensuing year :—Messrs. L. E. Morin, Ed. Larochelle, sr., Arbel Bernier, Théophile Corriveau, Jos. Pouliot, jr., and Léon Labrecque, and at a subsequent meeting of the new board, held on December 11, Mr. L. E. Morin was unanimously re-elected president.

Annexed to the present report are the various statements not herein alluded to, which contain all the information yearly conveyed to your department by the Commissioners in their capacity of pilotage authority.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
*Secretary-Treasurer.*

## PILOTAGE TARIFF.

RATES of Pilotage for the Harbour of Quebec and below, as per by-law passed by the Quebec Harbour Commissioners on June 18, 1891, and sanctioned by His Excellency the Governor General in Council on June 26, 1891.

### TABLE I.

RATES of Pilotage for the Harbour of Quebec and below for each foot of draught of water.

| From. | To. | From May 1 to Nov. 10. | From Nov. 10 to Nov. 19. | From Nov. 19 to Mar. 1. | From Mar. 1 to May 1. |
|---|---|---|---|---|---|
| Bic Island or any place below the anchorage of Brandy Pots, off Hare Island..... | Anchorage or mooring ground in the basin or harbour of Quebec... | $3.87 | $4.95 | $6.02 | $4.41 |
| To anchorage ground at the Brandy Pots, off Hare Island, or any place above the said anchorage ground and below St. Roch's Point. | " " .. | ⅔ of this sum. | ⅔ of this sum. | ⅔ of this sum. | ⅔ of this sum. |
| St. Roch's Point or any place above this point and below the Pointe-aux-Pins, on Crane Island..... | " " .. | ⅓ " .. | ⅓ " .. | ⅓ " .. | ⅓ " .. |
| Pointe-aux-Pins or Crane Island or any place below St. Patrick's Hole. | " " .. | ¼ " .. | ¼ " .. | ¼ " .. | ¼ " .. |
| The anchorage or mooring ground in the basin or harbour of Quebec..... | Bic Island or the place where the pilot shall be discharged in the river below Quebec.. | $3.40 | $4.46 | $5.54 | $3.93 |

### TABLE II.

RATES of Pilotage for the Harbour of Quebec and below.

| From | To | — |
|---|---|---|
| | | $ cts. |
| Any wharf in the harbour of Quebec between Pointe-à-Carcy below and the west end of the Allan's wharf above, both inclusive..... | Any other wharf within said limits..... | 2 50 |
| Any place in the harbour of Quebec, not being a wharf within the above mentioned limits. ..... | Any other place in the said harbour, not being a wharf within the said limits.... | 5 00 |

Pilots taking charge of vessels at St. Patrick's Hole or above it shall be entitled to no more than the sum allowed in Table II for piloting vessels from one part of the harbour to another.

J. B. LALIBERTÉ,
*Chairman.*

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1901.

STATEMENT showing the number of Pilots for and below the Harbour of Quebec, on the active list, on December 31, 1900, the number who retired, struck off the active list, or died during the year, the number temporarily suspended, the number who were unable to serve, the number in charge of Government steamers, &c.

| Number. | Name. | Age. | Residence. | Number of Pilotage effected. | | | Casualties and Remarks. |
|---|---|---|---|---|---|---|---|
| | | | | Inwards. | Outwards. | Movages. | |
| 1 | Charles Francis Brown | 73 | Quebec | 3 | 3 | 2 | |
| 2 | Paul Pâquet | 69 | St. John, Orleans | 3 | 4 | 3 | |
| 3 | Joseph Pouliot | 74 | " " | 3 | 3 | 3 | |
| 4 | George Normand | 70 | Crane Island | 3 | 3 | 3 | |
| 5 | David Damours | 68 | Trois-Pistoles | 5 | 2 | 3 | |
| 6 | Numa Lachance | 66 | St. Michel, Bellechasse | 4 | 3 | 3 | |
| 7 | Joseph Gravel | 74 | Quebec | 3 | 3 | 2 | |
| 8 | Jean-Bte. Pouliot | 59 | St. John, Orleans | 4 | 2 | 3 | |
| 9 | Joseph Pâquet | 63 | Quebec | 3 | 4 | 3 | |
| 10 | Louis Edmond Morin | 62 | " | 15 | 14 | 1 | Employed by the Thomson Line. President of the Corporation of Pilots. Re-elected at last election. |
| 11 | Moïse Lachance | 63 | St. John, Orleans | 3 | 4 | 2 | |
| 12 | Joseph S. Brown | 65 | Quebec | 6 | 9 | 1 | Employed by the Black Diamond Line. |
| 13 | Hubert Raymond | 61 | " | 8 | 8 | 1 | " " " |
| 14 | Achille Damours | 61 | St. Valier | 3 | 4 | 3 | |
| 15 | Joseph Pouliot | 57 | St. John, Orleans | 0 | 0 | 0 | Sick all the season. |
| 16 | Emond Larochelle, sr | 57 | Quebec | 0 | 0 | 0 | One of the directors of the Corporation of Pilots. Re-elected at last election. |
| 17 | Laurent Godbout | 57 | " | 0 | 0 | 0 | Office keeper. |
| 18 | Adelme Pouliot | 61 | St. Laurent, Orleans | 3 | 3 | 3 | |
| 19 | Bart. Pepin dit Lachance | 55 | St. John, " | 4 | 4 | 1 | Employed by the Black Diamond Line. |
| 20 | Frs.-Xav. Delisle | 55 | Quebec | 4 | 3 | 2 | |
| 21 | Damien Eugène Boulanger | 57 | Tadoussac | 0 | 0 | 0 | Master of Saguenay Station. |
| 22 | Cyprien Langlois | 56 | St. John, Orleans | 4 | 2 | 3 | |
| 23 | Jean Delisle | 55 | " " | 0 | 0 | 0 | Died May 27, 1900. |
| 24 | Charles Normand | 54 | Quebec | 11 | 11 | 1 | Employed by the Black Diamond Line. |
| 25 | Napoléon Rioux | 55 | Ste. Petronille, Orleans | 4 | 2 | 3 | |
| 26 | Jean-Bte. Tremblay | 57 | Quebec | 0 | 0 | 0 | One of the directors of the Corporation of Pilots. Re-elected at last election. |
| 27 | Ray. Bacquet dit Lamontagne | 55 | Notre-Dame, Levis | 15 | 18 | 1 | Employed by the Elder-Dempster Line. |
| 28 | Frs.-Xav. Lamaire | 54 | St. Valier | 5 | 6 | 1 | Employed by the Franco-Canadienne Line. |
| 29 | Moïse Pouliot | 62 | St. John, Orleans | 4 | 3 | 2 | |
| 30 | Paul Gobeil | 54 | " " | 3 | 4 | 2 | |

| | | | | 3 | 4 | 5 | |
|---|---|---|---|---|---|---|---|
| 31 | Chs. Alarie Raymond | 52 | Château-Richer | 15 | 14 | 1 | Employed by the Thomson Line. |
| 32 | Victor Vézina | 55 | Quebec | *17 | 18 | 1 | Employed by the Allan Line. |
| 33 | L. B. O. Gentron dit Larochelle | 53 | St. Michel, Bellechasse | †0 | 0 | 0 | One of the directors of the Corporation of Pilots. Re-elected at last election. |
| 34 | Chs. Hermie *alias* A. Bernier | 55 | " " | | | | |
| 35 | Louis Robert Demers | 54 | Quebec | 16 | 15 | 2 | Employed by the Quebec SS. Company. |
| 36 | Vital Ephrem Chamberland | 60 | St. Michel, Bellechasse | 3 | 4 | 3 | |
| 37 | Joseph G. Dupil | 53 | Quebec | 18 | 16 | 1 | Employed by the Allan Line. |
| 38 | Joseph Fortier | 56 | St. John, Orleans | 10 | 10 | 1 | " Black Diamond Line. |
| 39 | Nestor Lachance | 55 | " " | 15 | 19 | 1 | " Holme Line. |
| 40 | Cyrille Audet dit Lapointe | 55 | St. Michel, Bellechasse | 3 | 1 | 2 | Sick during two months. |
| 41 | Joseph Lapointe | 57 | St. Laurent, Orleans | 4 | 3 | 2 | |
| 42 | Pierre Pepin dit Lachance | 51 | Montreal | 6 | 6 | 1 | Employed by the Black Diamond Line. |
| 43 | Théophile Gourdeau | 56 | Lauzon, Levis | 3 | 3 | 1 | " " |
| 44 | Isiode Noel | 50 | St. John, Orleans | 0 | 0 | 0 | Master of pilot schooner. |
| 45 | Jean Evariste Adam | 56 | Trois-Saumons | 0 | 0 | 0 | Sick all the season. |
| 46 | Alfred Larochelle | 50 | St. Michel, Bellechasse | 18 | 14 | 0 | Employed by the Elder-Dempster Line. |
| 47 | Théophile Corriveau | 53 | Quebec | 15 | 15 | 1 | " Intercolonial Coal Mining Co. |
| 48 | Elzéar Godbout | 52 | " | 10 | 11 | 1 | " Black Diamond Line. |
| 49 | Pierre Gobeil | 52 | St. John, Orleans | 2 | 4 | 3 | " " |
| 50 | Théodule Pepin dit Lachance | 55 | Montreal | 15 | 15 | 1 | " " |
| 51 | Achille Trefflé Simard | 49 | St. Joseph, Levis | 24 | 22 | 1 | " Head Line. |
| 52 | Jean-Bte. Patoine | 49 | Montreal | 12 | 12 | 1 | " Black Diamond Line. |
| 53 | Narc. Lavoie | 51 | Ste. Luce, Rimouski | 4 | 3 | 2 | |
| 54 | Joseph Emilio Couillard | 49 | Quebec | 8 | 8 | 1 | " Ross Co. Line. |
| 55 | Louis Albert Royer | 55 | " | 6 | 7 | 2 | " Black Diamond Line. |
| 56 | Adélard Santerre | 49 | " | 16 | 22 | 1 | " Allan Line. |
| 57 | Onésime Noël | 48 | St. John, Orleans | 15 | 15 | 0 | " Thomson Line. |
| 58 | Napoléon Baillargeon | 50 | Ste. Petronille, Orleans | 3 | 4 | 3 | |
| 59 | Jos. Frs.-Xav. Bernier | 48 | Quebec | 16 | 18 | 0 | " Donaldson Line. |
| 60 | Frs.-Xav. Demeule | 48 | St. John, Orleans | 3 | 3 | 3 | |
| 61 | Louis Honoré Lapierre | 50 | Notre-Dame, Levis | 15 | 16 | 1 | " Black Diamond Line. |
| 62 | Jos. Eugène Lachance | 46 | St. John, Orleans | 14 | 15 | 1 | " Leyland Line. |
| 63 | David Arthur Bouffard | 46 | St. Laurent " | 3 | 4 | 2 | |
| 64 | Jean Théophile St. Laurent | 49 | Quebec | 15 | 17 | 1 | " Elder-Dempster Line. |
| 65 | Jacques George Dugas | 48 | St. Joseph, Levis | 3 | 3 | 2 | |
| 66 | Joseph Victor Gourdeau | 53 | Ste. Petronille, Orleans | 7 | 7 | 1 | " Black Diamond Line. |
| 67 | Louis *alias* Trefflé Delisle | 46 | Trois-Pistoles | 3 | 3 | 2 | |
| 68 | J.-Bte. Couillard | 49 | Cap St. Ignace | 3 | 2 | 2 | |
| 69 | Chs. Pelletier | 50 | St. Michel, Bellechasse | 4 | 2 | 3 | |
| 70 | Nazaire Delisle | 51 | Quebec | 3 | 3 | 3 | |
| 71 | J. E. Bonaventure Lavoie | 48 | Ste. Luce, Rimouski | 4 | 2 | 3 | |
| 72 | Adjutor Baillargeon | 46 | Quebec | 18 | 18 | 1 | Employed by the Hamburg American Packet Co. |
| 73 | Samuel Rioux | 47 | " | 22 | 14 | 1 | " Allan Line. |
| 74 | Charles Octave Clavet | 46 | St. Michel, Bellechasse | 7 | 7 | 1 | " Black Diamond Line. |
| 75 | Paul Lachance | 44 | Quebec | 19 | 18 | 1 | " Dominion Line. |
| 76 | Arcadius Jouvin | 42 | Ste. Luce, Rimouski | 4 | 4 | 3 | |
| 77 | Léon Labrecque | 50 | St. Laurent, Orleans | 0 | 0 | 0 | One of the directors of the Corporation of Pilots. Re-elected at last election. |

STATEMENT showing the Number of Pilots for and below the Harbour of Quebec—*Concluded.*

| Number. | Name. | Age. | Residence. | Number of Pilotages effected. Inwards. | Outwards. | Movages. | Remarks and Casualties. |
|---|---|---|---|---|---|---|---|
| 78 | Paul Lachance | 45 | St. John, Orleans | 8 | 8 | 2 | Employed by the Ross Co. Line. |
| 79 | Joseph Pouliot | 44 | " " | 0 | 0 | 0 | One of the directors of the Corporation of Pilots. Re-elected at last election. |
| 80 | Joseph Larochelle | 43 | St. Michel, Bellechasse | 3 | 1 | 2 | |
| 81 | Adjutor Lachance | 42 | " " | 8 | 9 | 1 | Employed by the Carbray-Routh Co. Line. |
| 82 | Frs. Goudreau | 49 | Quebec | 21 | 15 | 1 | " Ross Co. Line. |
| 83 | Arthur Kœnig | 49 | L'Islet | 4 | 2 | 2 | |
| 84 | Eugène Anctil | 41 | St. Jean Port Joli | 0 | 0 | 0 | Master of pilot schooner. |
| 85 | David Dumas | 47 | Notre-Dame, Lévis | 3 | 3 | 2 | |
| 86 | Joseph Lachance | 46 | St. Laurent, Orleans | 8 | 8 | 1 | Employed by the Black Diamond Line. |
| 87 | Paul Pâquet | 42 | St. John, Orleans | 4 | 3 | 3 | |
| 88 | Alphonse Pouliot | 48 | Château Richer | 2 | 4 | 2 | |
| 89 | Elzéar Normand | 41 | L'Islet | 4 | 1 | 2 | |
| 90 | Jean-Bte. Bernier | 41 | " | 19 | 16 | 1 | " Donaldson Line. |
| 91 | Joseph Pâquet | 39 | St. John, Orleans | 3 | 2 | 3 | |
| 92 | Jean A. Lachance | 38 | Quebec | 4 | 3 | 3 | |
| 93 | Arthur Baillargeon | 43 | " | 3 | 3 | 2 | |
| 94 | Joseph Vézina | 39 | St. Laurent, Orleans | 3 | 3 | 3 | |
| 95 | Herménégilde Guérard | 42 | St. Thomas, Montmagny | 4 | 4 | 3 | |
| 96 | Elzéar Desrosiers | 47 | Quebec | 6 | 6 | 2 | " Black Diamond Line. |
| 97 | John J. A. Irvine | 44 | Green Island | 0 | 0 | 0 | Master Red Island lightship. |
| 98 | Fréderick Bouffard | 43 | St. Laurent, Orleans | 3 | 3 | 3 | |
| 99 | Jules Asselin | 39 | St. Michel, Bellechasse | 4 | 5 | 3 | Employed by the Black Diamond Line. |
| 100 | Prudent Marmen | 41 | Beauport | 4 | 3 | 3 | |
| 101 | Lucien Lachance | 39 | Quebec | 15 | 15 | 0 | " Thomson Line. |
| 102 | Alfred Dion | 42 | Notre Dame, Levis | 9 | 8 | 1 | " Black Diamond Line. |
| 103 | Camille Bernier | 42 | Quebec | 20 | 16 | 1 | " Dominion Line. |
| 104 | Moïse Blouin | 49 | St. John, Orleans | 4 | 3 | 3 | |
| 105 | Moïse *alias* Laurent Godbout | 40 | Quebec | 15 | 15 | 1 | " Elder-Dempster Line. |
| 106 | Alfred Godreau | 47 | Cap St. Ignace | 3 | 3 | 3 | |
| 107 | Alfred Raymond | 39 | Kamouraska | 3 | 4 | 3 | |
| 108 | Philéas Lachance | 40 | St. John, Orleans | 11 | 12 | 1 | |
| 109 | Joseph H. Talbot | 38 | Berthier | 20 | 17 | 1 | " Hamburg Packet Co. Line. |
| 110 | Moïse Arthur Lachance | 37 | St. John, Orleans | 3 | 2 | 2 | |
| 111 | Louis Frs. Thivierge | 34 | " " | 4 | 3 | 3 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 112 | [illegible] chance | 34 | " " | 5 | 2 | 3 | | |
| 113 | Alphonse Asselin | 35 | St. Michel, Bellechasse | 8 | 8 | 1 | | |
| 114 | Edmond Larochelle | 34 | " " | 7 | 6 | 1 | " | Carbray-Routh Line. |
| 115 | Joseph Plante | 34 | St. Paul's Bay | 2 | 3 | 2 | | |
| 116 | Alphonse Pâquet | 34 | St. John, Orleans | 3 | 5 | 2 | | |
| 117 | Paul *alias* Napoléon Pouliot | 41 | " " | 3 | 3 | 3 | | |
| 118 | Adélard Bernier | 39 | Quebec | 17 | 16 | 1 | " | Elder-Dempster Line. |
| 119 | Adélard Vézina | 30 | St. Michel, Bellechasse | 3 | 3 | 3 | | |
| 120 | Jean-Bte. Pouliot | 30 | St. John, Orleans | 4 | 4 | 3 | | |
| 121 | Joseph Thivierge | 31 | " " | 4 | 2 | 3 | | |
| 122 | Léonidas Lachance | 30 | " " | 3 | 3 | 2 | | |
| 123 | Eudore Langlois | 38 | " " | 4 | 2 | 3 | | |
| 124 | Fra.-X. Eustache *alias* William Dorion | 40 | St. Joseph, Lévis | 3 | 4 | 3 | | |

Certified.

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1901.

LIST of Apprentice Pilots immediately under the Quebec Harbour Commissioners Pilotage Authority, on December 31, 1900.

| Number. | Names. | When Indentured. | Remarks. |
|---|---|---|---|
| 1 | Georges Dugas | April 11, 1871 | Absent since the fall of 1877. |
| 2 | Ernest Nolet | March 19, 1874 | Absent since the fall of 1878. |

Certified,

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1901.

JAS. WOODS,
*Secretary-Treasurer.*

STATEMENT of Trials held, during the year 1900, before the Quebec Harbour Commissioners, under the authority of the Pilotage Act, 36 Vic., chap. 54 and 45 Vic., chap. 32, sec. 4.

| Name of Pilot Tried. | Nature of Complaint. | Date of Trial. | Result. |
|---|---|---|---|
| Joseph Larochelle. | Running the ss. *Turret Bay* ashore on Goose Island on October 29. | November 5, 10, 17 and 19. | Found guilty and suspended for nine months from November 1. |

Certified,

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1901.

JAS. WOODS,
*Secretary-Treasurer.*

QUEBEC, December 31, 1900.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to forward a detailed statement, in duplicate, of the moneys received and expended for the Decayed Pilot Fund of Quebec for the year just ended; also a similar statement, in duplicate, of the moneys received and expended by the Corporation of Pilots; all of which revised and certified:

| | |
|---|---|
| The total amount of receipts was | $111,737 89 |
| The total expenditure was | 22,566 02 |
| Leaving a balance of | $89,171 87 |
| To be distributed among 120 pilots, giving a net dividend of | 743 00 |

Forty-five foreign vessels paid in $3,798.42, and seven hundred and seventy-eight British vessels paid in $107,939.47.

All of which is respectfully submitted.

F. X. DION,
*Secretary-Treasurer.*

## THE CORPORATION OF PILOTS.

STATEMENT of Moneys received and expended by the Corporation of Pilots for the Decayed Pilot Fund of Quebec during the year 1900.

| RECEIPTS. | $ cts. |
|---|---|
| To balance of 1899 | 31,627 07 |
| Percentage of contributions of pilots | 7,726 88 |
| Interest on investments | 3,243 00 |
| Interests from savings bank | 745 43 |
| | 43,342 38 |

| EXPENDITURE. | |
|---|---|
| By pensions | 9,485 87 |
| By relief | 499 31 |
| General expenses | 56 00 |
| Salaries | 550 00 |
| Churchwardens of St. Valier, loan | 8,000 00 |
| Corporation of Pilots, loan | 2,500 00 |
| Deposit in savings bank | 22,100 00 |
| Balance on hand | 151 20 |
| | 43,342 38 |

PENSIONERS RELIEVED BY THE FUND.

| | |
|---|---|
| Gobeil, Jean, died Mar. 7, 1900 | 70 55 |
| Adam, J. E | 200 00 |
| Pouliot, Joseph | 200 00 |
| Curodeau, Nazaire | 28 76 |
| | 499 31 |

PENSIONERS AT THE EXPENSE OF THE FUND.

*Amount paid to each during the year from November 1, 1899, to November 1, 1900, inclusive.*

*Ten Pilots at $150.*

| | |
|---|---|
| Bouffard, David, died Dec. 3, 1899 | 13 75 |
| Chassé, Jean | 150 00 |
| Couillard, Jos. Ph | 150 00 |
| Demers, Victor, died June 14, 1900 | 93 35 |
| Genest, Edouard | 150 00 |
| Dufresne, Jérémie | 150 00 |
| Lapointe, Antoine, died Mar. 15, 1900 | 56 25 |
| Pouliot, Joseph | 150 00 |
| Talbot, J.-Bte | 150 00 |
| Ménard, Régis | 150 00 |
| | 1,213 35 |

*Four Pilots at $136.*

| | |
|---|---|
| Verreault, Dominique, died June 9, 1900 | 82 45 |
| Chouinard, Thomas | 136 00 |
| Curodeau, Nazaire, pensioned Mar. 28, 1900 | 80 10 |
| Pepin dit Lachance, Joseph | 136 00 |
| | 434 55 |

*Two Pilots at $122.*

| | |
|---|---|
| Dick, Ovide | 122 00 |
| Lapointe, Cyrille | 122 00 |
| | 244 00 |

*One Pilot at $120.*

| | |
|---|---|
| Pelletier, François | 120 00 |

*Three Pilots at $110.*

| | |
|---|---|
| Charest, Pierre, died Jan. 8, 1900 | 20 63 |
| Pouliot, Paul | 110 00 |
| Raymond, Léandre | 110 00 |
| | 240 63 |

*One Pilot at $70.*

| | |
|---|---|
| Forbes, James | 52 50 |

WIDOWS.

*Twenty-six Widows at $88.*

| | |
|---|---|
| Widow Audet, George dit Lapointe | 88 00 |
| " Bernier, J.-Bte., arrears | 17 50 |
| " " year | 88 00 |
| " Brown, Charles | 88 00 |
| " Bouffard, David, pensioned Dec. 3, 1899 | 80 16 |
| " Caron, Maximin | 88 00 |
| " Delisle, Magloire | 88 00 |
| " Dumas, Charles | 88 00 |
| " Dumas, François | 88 00 |
| " Dion J.-Bte | 88 00 |
| " Despré, Auguste, pensioned Feb. 14, 1900 | 62 75 |
| " Godbout, Laurent | 88 00 |
| " Girard, Dominique | 88 00 |
| " Gobeil, Antoine | 88 00 |
| " Jouvin, Hilaire, arrears | 7 50 |
| " " year | 88 00 |
| " Laprise, Louis | 88 00 |
| " Langlois, Paul | 88 00 |
| " Lavoie, Louis Joseph | 88 00 |
| " Lapierre, Pierre | 88 00 |
| " Gobeil, Jean, pensioned Mar. 7, 1900 | 57 50 |
| " Lapointe, Antoine, pensioned Mar. 15, 1900 | 55 00 |
| " Marcoux, Edouard | 88 00 |
| " Pelletier, Alexis | 88 00 |
| " Pouliot, Jean | 88 00 |
| " Vaillancourt, Alexandre | 88 00 |
| " Vézina, Charles | 88 00 |
| " Baquet, Annibal, arrears | 10 00 |
| " " year | 88 00 |
| | 2,236 41 |

*Eighteen Widows at $84.*

| | |
|---|---|
| Widow Coulombe, Jean | 84 00 |
| " Fontaine, Louis | 84 00 |
| " Delisle, F. X | 84 00 |
| " Dumas, Hubert | 84 00 |
| " Forgues, Narcisse | 84 00 |
| " Fontaine, Pierre | 84 00 |
| " Guénard, Michel | 84 00 |
| " Lachance, F.-X., died Mar. 14, 1900 | 45 22 |
| " Lachance, Barthélemi | 84 00 |
| " Lamare, Jean-Frs | 84 00 |
| " Laprise, Pierre | 84 00 |
| " Lemieux, Pierre | 84 00 |
| " Delisle, Jean, pensioned May 27, 1900 | 35 95 |
| " Demers, Victor, pensioned June 14, 1900 | 32 80 |

STATEMENT of Moneys received and disbursed by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, &c.—*Continued.*

| *Eighteen Widows at $84*—Con. | $ cts. |
|---|---|
| " Marticotte, Isaïe | 84 00 |
| " Morency, Joseph | 84 00 |
| " Ruelland, Pierre | 84 00 |
| " Thivierge, Louis | 84 00 |
| | 1,373 97 |

| *Nine Widows at $82.* | |
|---|---|
| Widow Adam, J. E., died April 18, 1900 | 37 44 |
| " Babin, Damase | 82 00 |
| " Demers, Edouard | 82 00 |
| " Doiron, Eustache | 82 00 |
| " Fortin, Nicholas | 82 00 |
| " Genest, Amable | 82 00 |
| " Gaudreau, François | 82 00 |
| " Lapointe, Jos., arrears | 16 25 |
| " " year | 82 00 |
| " Leclerc, Louis Olivier | 82 00 |
| | 709 69 |

| *Five Widows at $80.* | |
|---|---|
| Widow Cinq-Mars, David | 80 00 |
| " Crépault, Louis | 80 00 |
| " Curodeau, Pierre | 80 00 |
| " Mercier, Magloire | 80 00 |
| " Roy, Alexis | 80 00 |
| | 400 00 |

| *Nine Widows at $75.* | |
|---|---|
| Widow Després, George | 75 00 |
| " Fournier, Amable | 75 00 |
| " Glynn, Dennis | 75 09 |
| " Langelier, Fabien | 75 00 |
| " Langlois, Julien | 75 00 |
| " Laroche, J.-Bte | 75 00 |
| " Lavoie, A. (L.M.) | 75 00 |
| " Noël, Henri | 75 00 |
| " Ross, Pierre | 75 00 |
| | 675 00 |

| *Eight Widows at $72.40.* | |
|---|---|
| Widow Talbot, J.-Bte | 72 40 |
| " Langlois, Philéas | 72 40 |
| " Côté, François | 72 40 |
| " Dion, Jean | 72 40 |
| " Koenig, C. F. | 72 40 |
| " Lachance, Ovide | 72 40 |
| " Lévesque, Joseph | 72 40 |
| " Pineau, Benjamin | 72 40 |
| | 579 20 |

| *Six Widows at $60.* | |
|---|---|
| Widow Côté, Célestin | 60 00 |
| " Desrosiers, P. | 60 00 |
| " Dion, Joseph | 60 00 |
| " Lachance, F.-X | 60 00 |
| " Turgeon, Edouard | 60 00 |
| " Doiron, A., pensioned Feb. 24, 1900 | 41 05 |
| | 341 05 |

| *Six Widows at $51.* | $ cts. |
|---|---|
| Widow Dandurand, Jacques | 51 00 |
| " Keable, André, died Feb. 18, 1900 | 15 35 |
| " Morency, Guillaume | 51 00 |
| " Pelletier, David F. | 51 00 |
| " Rouleau, Pierre, died May 18, 1900 | 28 02 |
| " Dallaire, Napoléon | 51 00 |
| | 247 37 |

| *Six Widows at $48.* | |
|---|---|
| Widow Caron, Fabien | 48 00 |
| " Côté, Magloire | 48 00 |
| " Langlois, Louis, arrears | 9 60 |
| " " year | 48 00 |
| " McNeil, Thomas | 48 00 |
| " Turgeon, Alfred | 48 00 |
| " Larochelle, Laurent | 48 00 |
| | 297 60 |

| CHILDREN. | |
|---|---|
| Child of Boutin, Thos., inf., arrears..(1) | 4 50 |
| " " acct | 11 20 |
| " Dugas, Jean, inf., acct....(1) | 16 80 |
| " Forbes, Isaac, inf., arrears.(2) | 8 25 |
| " " year | 41 20 |
| " Fortin, N., inf., arrears....(1) | 9 00 |
| " " acct | 5 60 |
| " Giroux, Jean, inf.....(1) | 22 40 |
| " Jahan, Joseph, inf.....(1) | 22 40 |
| " Langlois, Joseph, inf.....(1) | 22 40 |
| " Touissant, P., inf.....(1) | 22 40 |
| " Plante, Joseph, inf.....(1) | 22 40 |
| " Noël, François, inf .....(1) | 22 40 |
| " Chouinard, Chs., inf . ....(1) | 22 40 |
| " Gobeil, Jean, inf .....(1) | 22 40 |
| " Asselin, Louis, inf .. ....(1) | 22 40 |
| " Dion, Charles, inf .....(1) | 22 40 |
| | 320 55 |

| RECAPITULATION OF PENSIONS. | | |
|---|---|---|
| 10 Pilots at $150 | | 1,213 35 |
| 4 " 136 | | 434 55 |
| 2 " 122 | | 244 00 |
| 1 " 120 | | 120 00 |
| 3 " 110 | | 240 63 |
| 1 " 70 | | 52 50 |
| 21 Pilots. | | |
| 26 Widows at $88 | | 2,236 41 |
| 18 " 84 | | 1,373 97 |
| 9 " 82 | | 709 69 |
| 5 " 80 | | 400 00 |
| 9 " 75 | | 675 00 |
| 8 " 72 40 | | 579 20 |
| 6 " 60 | | 341 05 |
| 6 " 51 | | 247 37 |
| 6 " 48 | | 297 60 |
| 93 Widows. | | |
| 16 Children at $22.40 | | 320 55 |
| | | 9,485 87 |
| 130 Pensioners. | | |

STATEMENT of Moneys received and disbursed by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, &c.—*Concluded.*

| Dr. | $ cts. | Cr. | $ cts. |
|---|---|---|---|
| RECEIPTS. | | By Pensions and relief paid during the year 1900— | |
| To Balance of 1899 | 31,627 07 | By relief | 499 31 |
| To Trustees of Quebec roads, 1 year's interest to July 1, 1900, on $22,800 at 6 per cent | 1,368 00 | By arrears of pensions to December 31, 1899 | 82 60 |
| The City of Quebec, 1 year's interest to July 1, 1900, on $9,000 at 7 per cent. | 630 00 | Quarter ending January 31, 1900 | 2,394 73 |
| Treasury Department, 1 year's interest to July 1, 1900, on $20,000 at 5 per cent | 1,000 00 | " April 30, 1900 | 2,371 80 |
| The Church Wardens of St. Fulgence, 1 year's interest on $2,500 at 5 per cent | 125 00 | " July 31, 1900 | 2,339 39 |
| Thomas Gray, 1 year's interest on $2,400 at 5 per cent | 120 00 | " October 31, 1900 | 2,287 35 |
| Savings Banks—1 year's interest, Bank Nationale and Quebec Bank | 745 43 | Loan to Church Wardens St. Valier | 8,000 00 |
| Contributions of pilots | 7,701 88 | " Corporation of Pilots | 2,500 00 |
| Captain Irvine, on account | 25 00 | Salary of Secretary-Treasurer and assistant | 550 00 |
| | | General expenses | 16 00 |
| | | Deposits in savings banks— | |
| | | Banks Nationale and Quebec | 22,100 00 |
| | | Balance on hand | 151 20 |
| | | | 43,342 38 |
| | | STATEMENT OF FUND. | |
| | | Moneys loaned | 67,200 00 |
| | | Money in savings banks | 22,100 00 |
| | | " Sec.-Treasurer's hands | 151 20 |
| | | | 89,451 20 |
| | | Deduct arrears of pensions due this day. | 141 00 |
| | 43,342 38 | | 89,310 20 |

F. X. DION,
*Secretary-Treasurer.*

We, the undersigned, officially appointed to examine the books and accounts of the Corporation of Pilots, certify to having found them correct.

ADOLPHE LABRECQUE,
*Accountant.*

ADÉLARD SANTERRE,
ADÉLARD BERNIER,
*Auditors.*

QUEBEC, December 31, 1900.

F. X. DION in current account with the Corporation of Pilots of Quebec to December 31, 1900.

| DR. | $ cts. | CR. | | |
|---|---|---|---|---|
| To Balance of 1899 | 1,266 14 | By Expenses pilot boats | $ 570 63 | |
| Reserve fund | 500 00 | Less | 0 30 | |
| Pilots' retirement fund | 1,000 00 | | | 570 33 |
| Customs, Montreal | 59,429 20 | General expenses | $1,512 10 | |
| " Three Rivers | 2,808 68 | Less | 119 96 | |
| " Sorel | 956 88 | | | 1,392 14 |
| " Batiscan | 345 26 | Pilots' expenses | | 502 17 |
| " Chicoutimi | 811 00 | Provisions | $1,229 51 | |
| " St. Thomas | 268 63 | Less | 14 52 | |
| " Trois Pistoles | 179 95 | | | 1,214 99 |
| " Rivière-du-Loup | 511 03 | Pilot boat *La Mouette* | | 2,725 00 |
| Loan from pilot's fund | 2,500 00 | " *La Vigie* | | 235 46 |
| Fines | 40 00 | " *La D. Price* | | 39 00 |
| Lost time | 784 72 | Cooks' wages | | 344 00 |
| Interest—Current account, Bank Nationale | 65 56 | Apprentices' wages | | 235 26 |
| Pilotage collected at Quebec | 46,427 26 | Seamen's wages | | 301 39 |
| | | Indemnity to captains | | 260 00 |
| | | " directors | | 600 00 |
| | | " Saguenay station | | 250 00 |
| | | Pilot boat shares | | 5,500 00 |
| | | Insurance | | 96 76 |
| | | Rent | $ 477 38 | |
| | | Less | 50 00 | |
| | | | | 427 38 |
| | | Legal advisers | | 210 00 |
| | | Pilotage remitted | | 1,910 26 |
| | | Retired pilot's fund | | 1,000 00 |
| | | Decayed " | | 7,701 88 |
| | | Salaries of employees | | 1,550 00 |
| | | Reserve fund | | 500 00 |
| | | Dividends | | 89,520 00 |
| | | Balance | | 808 23 |
| | 117,894 25 | | | 117,894 25 |

F. X. DION,
*Secretary-Treasurer.*

We, the undersigned, officially appointed to examine the books and accounts of the Corporation of Pilots, certify to having found them correct.

ADOLPHE LABRECQUE,
*Accountant.*

ADÉLARD SANTERRE,
ADÉLARD BERNIER,
*Auditors.*

QUEBEC, December 31, 1900.

# APPENDIX No. 10.

## REPORT OF THE PILOTAGE AUTHORITY, VICTORIA, B.C., FOR YEAR ENDED DECEMBER 31, 1900.

PILOTAGE AUTHORITY,
VICTORIA, B.C., January 9, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Commissioners, to transmit herewith the pilotage returns for the Pilotage District of Victoria and Esquimalt, in the province, of British Columbia, for the year ending December 31, 1900, as required by section 22 of chapter 80 of the Revised Statutes of Canada, 1886, in the hope that the same will reach your department in ample season for embodiment in the supplement to your annual report, of which kindly furnish me with a copy when issued as has hitherto been your custom. Our Chairman (Mr. Rithet) is temporarily absent in San Francisco or he would have signed returns.

I have the honour to be, sir,
Your most obedient servant,

EDGAR CROW BAKER,
*Secretary-Treasurer, P.A.*

PILOTAGE RETURNS, Victoria and Esquimalt Pilotage District, B.C., January 1 to December 31, 1900.

LICENSED PILOTS.

| No. | Name. | Age. | Date of Issue. | Seniority. | Remarks. |
|---|---|---|---|---|---|
| 1 | John Thompson. ..... | 51 | April 23, 1880... | Dec. 4, 1878..... | Originally a B. C. Pilot. |
| 2 | Samuel W. Buckman.. | 50 | March 6, 1891... | March 6, 1891... | Victoria and Esquimalt District, |
| 3 | John Newby... . | 51 | April 10, 1891... | April 10, 1891... | " " |
| 4 | Thomas Bebbington... | 54 | Feb. 25, 1893.... | Feb. 25, 1893.... | Originally a N. W. and Yale Pilot. |

N.B.—The foregoing is a list of licensed pilots, who are the only ones who have prosecuted such calling in the above-named district.

There are no masters and mates acting under license from this Pilotage Authority, all the certificates previously granted having expired by effluxion of time.

Clauses I., II., III., page 213, supplement to 19th annual report, with reductions on pages 200 and 201, supplement to 21st annual report, and also those on pages 181 and

182, supplement to the 26th annual report (*i.e.* Orders in Council, July 1, 1893), apply to this year also.

Same Acts and parts of Acts as last year apply to 1900, and list of exempted vessels, and Puget Sound rates remain the same.

EDGAR CROW BAKER,
*Secretary-Treasurer.*

VICTORIA, B.C., December 31, 1900.

PILOTAGE DUES collected, January 1 to December 31, 1900.

| Month. | British. | Foreign. | Total. | Remarks. |
|---|---|---|---|---|
| | $ cts. | $ cts. | $ cts. | |
| January | 424 75 | 666 75 | 1,091 50 | N. B.—The total $17,484.85 does not include sums of $400 collected from Puget Sound steamers and $97.76 pilotage outwards in certain cases to credit of Pilotage Authority. |
| February | 364 50 | 642 00 | 1,006 50 | |
| March | 468 50 | 967 37 | 1,435 87 | |
| April | 619 50 | 903 25 | 1,522 75 | |
| May | 521 75 | 1,366 75 | 1,888 50 | |
| June | 761 75 | 942 50 | 1,704 25 | |
| July | 483 50 | 1,231 00 | 1,714 50 | |
| August | 425 00 | 995 38 | 1,420 38 | |
| September | 516 50 | 906 60 | 1,423 10 | |
| October | 574 25 | 1,110 00 | 1,684 25 | |
| November | 576 00 | 892 75 | 1,468 75 | |
| December | 336 50 | 788 00 | 1,124 50 | |
| | 6,072 50 | 11,412 35 | 17,484 85 | |

EDGAR CROW BAKER,
*Secretary-Treasurer.*

VICTORIA, B.C., December 31, 1900.

RECEIPTS AND EXPENDITURE, January 1 to December 31, 1900. CR.

| Date. | Nature of Receipt. | Amount. | Date. | Head of Service. | Amount. |
|---|---|---|---|---|---|
| 1900. | | $ cts. | 1900. | | $ cts. |
| January 1..... | To Balance from last year..... | 986 10 | February 28.... | By V. and E. Pilots, division surplus, 1899..... | 986 10 |
| Jan. 1 to Dec. 31. | Pilotage dues, 12 months..... | 17,484 85 | Jan. 1 to Dec. 31. | V. and E. Pilots, earnings as per receipts..... | 15,736 37 |
| " " | Certificate fees, Puget Sound steamers..... | 400 00 | " " | Secretary-treasurer, 12 months' salary..... | 600 00 |
| " " | Pilotage outwards, in certain cases to credit of Pilotage Authority..... | 97 76 | " " | Office expenses, rent, fuel, light, &c. ..... | 333 30 |
| | | | December 31.... | Balance to credit of Pilotage Authority..... | 1,312 94 |
| | | 18,968 71 | | | 18,968 71 |

EDGAR CROW BAKER,
*Secretary-Treasurer.*

Approved and certified correct.

MATTHEW T. JOHNSON,
HERBERT G. LEWIS, } *Commissioners.*

VICTORIA, B.C., January 9, 1901.

# APPENDIX No. 11.

## REPORT OF THE PILOTAGE AUTHORITY OF NANAIMO, B.C., FOR THE YEAR ENDED DECEMBER 31, 1900.

NANAIMO, B.C., January 16, 1901.

To the Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

DEAR SIR,—I have the honour to inclose statement and accounts of Nanaimo Pilotage Authority for the year ending December 31, 1900, as required by the Pilotage Act, 1886.

You will observe by the report that another pilot was added to the staff during the present year. This was found necessary to meet the increased volume of business.

I have the honour to be, sir,
Your obedient servant,

TULLY BOYCE,
*Secretary.*

PILOTAGE returns for the year ending December 31, 1900.

LICENSED PILOTS.

| Name of pilot. | Age. |
|---|---|
| Morrison, Daniel | 60 |
| Bendrodt, James Peter | 40 |
| Christensen, James | 59 |
| Butler, James Edgar | 39 |
| Owen, William David | 34 |
| Yates, Albert Francis | 48 |

RATES OF PILOTAGE.

| | | |
|---|---|---|
| Half pilotage | $ 1 | per foot draught. |
| Full " | 2 | " " |
| Gulf " | 10 | " diem. |

Special rates for mail steamers and tugs.

PILOTAGE DUES collected, January 1 to December 31, 1900.

| — | British. | Foreign. | Total. |
|---|---|---|---|
| | $ cts. | $ cts. | $ cts. |
| January | 655 00 | 1,504 50 | 2,159 50 |
| February | 817 00 | 1,480 00 | 2,297 00 |
| March | 842 00 | 1,392 50 | 2,234 50 |
| April | 477 00 | 1,115 50 | 1,592 50 |
| May | 910 00 | 1,238 50 | 2,148 50 |
| June | 894 50 | 1,553 00 | 2,447 50 |
| July | 665 00 | 1,698 50 | 2,363 50 |
| August | 872 00 | 1,658 50 | 2,530 50 |
| September | 817 00 | 1,565 00 | 2,382 00 |
| October | 849 00 | 1,540 50 | 2,389 50 |
| November | 965 00 | 1,716 50 | 2,681 50 |
| December | 1,018 00 | 1,143 00 | 2,161 00 |
| | 9,781 50 | 17,606 00 | 27,387 50 |

RECEIPTS AND EXPENDITURE, January 1 to December 31, 1900.

| | $ cts. | $ cts. | | $ cts. | $ cts. |
|---|---|---|---|---|---|
| To pilotage dues for twelve months, per inclosed statement | 27,387 50 | | By Salary, secretary and treasurer | 600 00 | |
| Examination fee | 25 00 | | Office rent, janitor, fuel, &c. | 180 00 | |
| License fee | 50 00 | | Postage, printing and stationery | 84 55 | |
| | | 27,462 50 | Office furniture and safe | 207 55 | |
| | | | Fee to examiners | 25 00 | |
| | | | Donation to ex-pilot Sabiston | 600 00 | |
| | | | Commission to collectors | 553 46 | |
| | | | Pilot station expense | 1,789 56 | |
| | | | Travelling and personal expense | 2,435 00 | |
| | | | | | 6,475 12 |
| | | | Net earnings | 20,937 38 | |
| | | | Division of license fee | 50 00 | |
| | | | | | 20,987 38 |
| | | 27,462 50 | | | 27,462 50 |

Approved and certified correct.

THOS. DOBESON,
*Chairman.*

TULLY BOYCE,
*Secretary.*

THOMAS A. CONNELL,
HARRY B. SHAW,
JAS. S. KNARSTON,
} *Commissioners.*

# APPENDIX No. 12.

## REPORT OF THE PILOTAGE AUTHORITY OF YALE AND NEW WESTMINSTER, FOR THE YEAR ENDED DECEMBER 31, 1900.

VANCOUVER, B.C., January 5, 1901.

The Honourable
The Minister of Marine,
Ottawa.

SIR,—I have the honour to forward herewith statement of accounts and of the affairs of the Yale and New Westminster Pilotage Authority for the year just completed.

At a meeting of the Commissioners held in my office to-day, my accounts were audited and signed by the Commissioners, and I was instructed to forward same to you.

You will notice that there is a considerable decrease in the earnings of the pilots during 1900, attributable to the decline in the Klondike traffic.

About two months since the books of this authority were audited by Mr. Stumbles, representing your department, and I have the honour to inclose copy of the certificate given me by him, for your information. Mr. Stumbles expressed the opinion that the work of bookkeeping should be made as simple as possible, and authorized me to curtail the work in this connection as might seem desirable. With this view, I will discontinue keeping the Inwards and Outwards Report books (which originated with myself), from which I have been in the habit of furnishing you with statistics of the yearly tonnage in and out of the port, and whether under British or Foreign flag.

I have the honour to be, sir,
Your obedient servant,

C. GARDINER JOHNSON,
*Secretary, Yale and New Westminster Pilotage Authority.*

VANCOUVER, B.C., November 19, 1900.

CHAS. GARDINER JOHNSTON, Esq.,
Yale and New Westminster Pilotage Authority,
Vancouver, B.C.

SIR,—I hereby certify that I have examined the books of the Pilotage Authority and have checked the receipts and accounts and find that the entries have been carefully made. I have also examined the bank book in which the deposits are entered in the Bank of Montreal here, and have found that the cheques issued for amounts paid to pilots, pilotage expenses account, and office expenses, correspond with the amount of earnings and have found the balance up to September 30, in the bank to be the correct

amount. I also certify that I consider the books and records are carefully and systematically kept.

Be good enough to keep this certificate on file as the evidence of my having audited your books.

I am, sir,
Your obedient servant,

(Sgd.) W. W. STUMBLES.

| No. of License. | Name of Pilot. | Age. | Service in. | Remarks. |
|---|---|---|---|---|
| 1 First Class.. | William Ettershank.. | 58 | Licensed to pilot vessels of any size or description within the limits of Yale and New Westminster Pilotage Authority. | Active. |
| 2 " .. | George W. Robertson. | 50 | | |
| 3 " .. | H. Robson Jones..... | 44 | | |
| 4 " .. | William Johnson. ... | 44 | | |

NOTE.—Pilotage dues now in force are same as approved by Order in Council, Saturday, April 28' 1894.

INWARDS.

| | | |
|---|---|---|
| 48 British steamers..... | $2,376 75 | |
| 203 Foreign steamers..... | 3,682 00 | |
| 21 British sailing vessels..... | 603 75 | |
| 32 Foreign sailing vessels..... | 761 25 | |
| | | $7,423 75 |

OUTWARDS.

| | | |
|---|---|---|
| 47 British steamers..... | $2,521 00 | |
| 203 Foreign steamers..... .... | 3,815 75 | |
| 22 British sailing vessels..... .... | 804 25 | |
| 32 Foreign sailing vessels..... | 1,150 00 | |
| | | 8,291 00 |
| | | $15,714 75 |

Remaining in port on December 31, 1900.—*Saga*, $21.25 ; *Alsterthal*, $27.00 ; *Miowera*, $28.50 ; *Miowera*, $52.50 ; *Miowera*, $48.75 ; *Empress of India*, $65.00.

C. GARDINER JOHNSON,
*Secretary, Yale and New Westminster Pilotage Authority.*

RICHARD ALEXANDER,
*Chairman.*

VANCOUVER, B.C., January 5, 1901.

RECEIPTS.

| | | |
|---|---|---|
| Balance in bank, January 5, 1900 | $ 801 77 | |
| Pilotage earnings for year 1900 | 15,714 75 | |
| | | $16,516 52 |

DISBURSEMENTS.

| | | |
|---|---|---|
| Paid pilots, January 5, 1900 | 801 77 | |
| Paid pilots during year 1900 | 11,249 80 | |
| Office expense account, 1900 | 900 00 | |
| Pilotage expense account, 1900 | 2,893 48 | |
| Balance in bank | 671 47 | |
| | | 16,516 52 |

C. GARDINER JOHNSON,
*Secretary Yale and New Westminster Pilotage Authority*

RICHARD ALEXANDER,
*Chairman.*

VANCOUVER, B.C., January 5, 1901.

LEDGER BALANCE.

*Assets.*

| | | | |
|---|---|---|---|
| Bank of Montreal | | $ 671 47 | |
| Bank of Montreal— | | | |
| Savings department | $ 530 43 | | |
| Interest, 1900 | 15 90 | | |
| | | 546 33 | |
| | | | $1,217 80 |

*Liabilities.*

| | | | |
|---|---|---|---|
| Reserve fund | $ 530 43 | | |
| Interest, 1900 | 15 90 | | |
| | | $ 546 33 | |
| Pilotage earnings not disbursed | | 671 47 | |
| | | | 1,217 80 |

C. GARDINER JOHNSON,
*Secretary, Yale and New Westminster Pilotage Authority*

RICHARD ALEXANDER,
*Chairman.*

VANCOUVER, B.C., January 5, 1901.

# APPENDIX No. 13.

## REPORT OF THE PILOTAGE AUTHORITY OF HALIFAX, FOR THE YEAR ENDED DECEMBER 31, 1900.

HALIFAX, N.S., January 11, 1901.

Hon. Minister of Marine and Fisheries,
Ottawa.

SIR,—I beg leave to transmit for the information of the department, the inclosed returns of the Pilotage Authority of the district of Halifax, N.S., viz. :—

Statement of receipts and expenditure.
Statement of superannuation fund.
Return inward of vessels, British and Foreign.
Return outward of vessels, British and Foreign.
List of licensed pilots.
List of pensioners.
Balance sheet.

Respectfully,
Your obedient servant,

J. TAYLOR WOOD,
*Secretary-Treasurer.*

OFFICE OF PILOT COMMISSIONERS,
December 31, 1900.

RECEIPTS AND EXPENDITURES.

| CR. | $ cts. | DR. | $ cts. |
|---|---|---|---|
| Balance on hand, December 30, 1889 | 1,798 53 | Salary | 400 00 |
| Outward pilotage | 2,001 45 | Rent | 325 00 |
| Commissions | 1,726 34 | Printing, telephone, legal expenses, &c | 412 91 |
| Interest | 429 51 | Superannuation | 3,671 59 |
| Licenses, bonds, &c | 186 00 | Deposit savings bank Balance | 1,332 33 |
| Total | 6,341 83 | Total | 6,341 83 |

J. TAYLOR WOOD,
*Secretary-Treasurer.*

SUPERANNUATION FUND.

| Cr. | $ cts. | Dr. | $ cts. |
|---|---|---|---|
| Balance, December 30, 1899 | 15,884 71 | Union Bank | 838 39 |
| Commissions | 856 08 | " (special) | 5,323 56 |
| Interest | 629 51 | Savings Bank | 7,296 85 |
| Licenses, bonds, &c | 186 00 | Dominion stock | 5,200 00 |
| Transferred from general account | 2,000 00 | | |
| | 19,526 30 | | |
| Less paid pensions | 867 50 | | |
| Total | 18,658 80 | Total | 18,658 80 |

J. TAYLOR WOOD,
*Secretary-Treasurer.*

RETURN of Vessels entered Inwards at the Port of Halifax, N.S., from January 1, 1900, to December 31, 1900 (subject to compulsory Pilotage).

BRITISH.

| Schooners. | Brigantines. | Barquentines. | Barks. | Ships. | Barges. | Steamers. | Tonnage. | Pilot Fees. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | $ cts. |
| 80 | 14 | 4 | 3 | 1 | 17 | 634 | 918,751 | 14,775 00 |

FOREIGN.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 37 | 2 | 6 | 39 | 1 | 5 | 149 | 251,802 | 4,567 50 |

RETURN of Vessels entered Outward at the Port of Halifax, N.S., from January 1, 1900, to December 31, 1900 (subject to compulsory Pilotage).

BRITISH.

| Schooners. | Brigantines. | Barquentines. | Barks. | Ships. | Barges. | Steamers. | Tonnage. | Pilot Fees. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | $ cts. |
| 15 | 2 | 4 | 3 | 1 | 3 | 585 | 896,873 | 7,816 55 |

FOREIGN.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 9 | 2 | 6 | 38 | 1 | 5 | 147 | 248,739 | 2,499 35 |

J. TAYLOR WOOD,
*Secretary-Treasurer.*

OFFICE OF COMMISSIONERS OF PILOTS,
December 31, 1900.

LIST of Pilots, Port of Halifax.

| No. | Name. | Residence. | Age. |
|---|---|---|---|
| 1 | | | |
| 2 | William Fleming | Halifax | 34 |
| 3 | James Holland | Duncan's Cove | 64 |
| 4 | William Baker | Halifax | 65 |
| 5 | | | |
| 6 | Frank Thomas | Herring Cove | 25 |
| 7 | | | |
| 8 | William Hayes | Herring Cove | 26 |
| 9 | Hugh Monroe | Halifax | 65 |
| 10 | Jeremiah Holland | Duncan's Cove | 68 |
| 11 | Edward Byers | Halifax | 59 |
| 12 | James Hanrahan | Ferguson's Cove | 63 |
| 13 | William Beazley | " | 60 |
| 14 | John Hayes | Halifax | 50 |
| 15 | James Spears | " | 42 |
| 16 | John F. Beazley | " | 40 |
| 17 | William Gorman | Herring Cove | 26 |
| 18 | Charles F. Martin | Halifax | 35 |
| 19 | William White | Ferguson's Cove | 43 |
| 20 | Thomas Hayes | Halifax | 41 |
| 21 | Thomas Reno | Herring Cove | 40 |
| 22 | Frank Mackey | Halifax | 28 |
| 23 | Henry Latter | " | 36 |
| 24 | | | |
| 25 | | | |
| 26 | James Fleming | Halifax | 61 |

J. TAYLOR WOOD,
*Secretary-Treasurer.*

LIST of persons on the Pension Roll.

| Name. | Age. | Residence. | Amount of Pension per annum. |
|---|---|---|---|
| | | | $ cts. |
| Wm. Fleming | 87 | Ketch Harbour | 125 00 |
| John Johnston | 77 | Bear Cove, Halifax County. | 125 00 |
| Patrick Hayes | 78 | Herring Cove " | 125 00 |
| Bernard Gallagher | 75 | Halifax | 125 00 |
| Joseph Reno | 74 | Herring Cove, Halifax County. | 125 00 |
| Mrs. Lucinda Nickerson | 66 | Sambro " | 30 00 |
| Mrs. Mary Smith | 64 | Halifax | 30 00 |
| Mrs. Mary Glazebrook | 55 | " | 30 00 |
| Mrs. Charles Martin | 68 | " | 30 00 |
| Mrs. Daniel Martin | 42 | " | 30 00 |
| Thomas Martin | 14 | " | 15 00 |
| Elizabeth Martin | 8 | " | 15 00 |
| Barbara Martin | 7 | " | 15 00 |
| Catherine Martin | 5 | " | 15 00 |
| Mary Glazebrook | 11 | " | 15 00 |
| Charles Glazebrook | 9 | " | 15 00 |
| | | | 865 00 |

J. TAYLOR WOOD,
*Secretary-Treasurer.*

BALANCE SHEET.

| DR. | $ cts. | CR. | $ cts. |
|---|---|---|---|
| Cash | 1,332 33 | Superannuation fund | 18,658 80 |
| Union Bank, special deposit | 5,323 56 | Outward pilotage | 3,732 33 |
| " superannuation | 838 39 | | |
| Savings Bank | 7,296 85 | | |
| Dominion stock | 5,200 00 | | |
| Union Bank | 2,400 00 | | |
| | 22,391 13 | | 22,391 13 |

E.O.E.

J. TAYLOR WOOD,
*Secretary-Treasurer.*

# APPENDIX No. 14.

## REPORT OF PILOTAGE AUTHORITY FOR DISTRICT OF MIRAMICHI, N.B., FOR THE YEAR ENDED DECEMBER 31, 1900.

NEWCASTLE, MIRAMICHI, December 31, 1900.

The Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose herein the pilotage returns of the district of Miramichi, New Brunswick, for the year ending December 31, 1900.

I am, sir, your obedient servant,

R. R. CALL,
*Secretary-Treasurer to Pilot Commissioners.*

PILOTAGE RETURNS for the Pilotage District of Miramichi, N.B., year ending December 31, 1900.

| Class of Vessel. | No. | Total. |
|---|---|---|
| Vessels reported inwards— | | |
| British steamers | 28 | |
| " sailing vessels | 22 | |
| Foreign steamers | 15 | |
| " sailing vessels | 75 | |
| | | 140 |
| Vessels reported outwards— | | |
| British steamers | 28 | |
| " sailing vessels | 18 | |
| Foreign steamers | 15 | |
| " sailing vessels | 75 | |
| | | 136 |
| Vessels removed— | | |
| British steamers | 18 | |
| " sailing vessels | 1 | |
| Foreign steamers | 2 | |
| " sailing vessels | 26 | |
| | | 47 |

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER,
*Chairman.*

PILOTAGE RETURNS for the Pilotage District of Miramichi, N.B., year ending December 31, 1900.

| Class of Vessel. | Amount. | Tota |
|---|---|---|
| | $ cts. | $ |
| Total amount of pilotage inwards— | | |
| British steamers | 1,708 32 | |
| " sailing vessels | 512 03 | |
| Foreign steamers | 767 25 | |
| " sailing vessels | 2,127 56 | |
| | | 5,11 |
| Total amount of pilotage outwards— | | |
| British steamers | 2,070 02 | |
| " sailing vessels | 464 00 | |
| Foreign steamers | 615 48 | |
| " sailing vessels | 2,740 50 | |
| | | 5,89 |
| Total amount of removals— | | |
| British steamers | 130 00 | |
| " sailing vessels | 6 00 | |
| Foreign steamers | 16 00 | |
| " sailing vessels | 196 00 | |
| | | 34 |
| | | 11,35 |

R. R. CALL,
*Secretary-Treasurer to Pilot Commissioners.*

J. C. MILLER,
*Chairman.*

RATES of Pilotage chargeable at Miramichi, N.B., on all vessels, British and Foreig for the year 1900.

| | |
|---|---|
| When inward bound | $2.25 per |
| And in addition to the above for all vessels propelled wholly or in part by steam | 2c. per reg. |
| When outward bound | $2 per fo |
| And in addition to the above for all vessels propelled wholly or in part by steam | 2c. per reg. |
| For the removal and mooring of vessels over 300 tons | $4 |
| And where the distance of removal exceeds four miles, fifty per cent additional on the above rate. Removals within a distance of one mile are not compulsory, but when pilots are requested by captains to perform this service, the charge is | $4 |
| Steam tug boat towings one or more coal barges with cargo inwards may depart outwards after having paid full pilotage for tug and barges Inwards without paying any outward pilotage, except on the the tug | |

NATIONALITY of Vessels piloted inwards, year 1900.

| | | | |
|---|---|---|---|
| Norwegian | 73 | Dutch | 2 |
| British | 50 | Swedish | 2 |
| Italian | 5 | Danish | 1 |
| American | 3 | French | 1 |
| Russian | 3 | | |
| | | | 140 |

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER,
*Chairman.*

PILOTAGE Returns for the Pilotage District of Miramichi, N.B., for the year ending December 31, 1900.

| No. | Name. | Age. | For what service. | Remarks. |
|---|---|---|---|---|
| 2 | Louis Jimmo | 46 | Full service | |
| 6 | Francis Martin | 66 | " | |
| 7 | Maxime Martin | 55 | " | |
| 9 | Angus McLean | 67 | " | |
| 10 | Alexander Wilson | 54 | " | |
| 11 | Robert J. Walls | 49 | " | |
| 22 | Wm. Walls, sr | 46 | " | |
| 26 | John McCallum | 48 | " | |
| 27 | James Nowlan | 49 | " | |
| 28 | Dudley P. Walls | 54 | " | |
| 29 | George Sutton | 49 | " | |
| 30 | James A. Nowlan | 45 | " | |
| 31 | George T. Tait | 43 | " | |
| 32 | Joseph Jimmo | 45 | " | |
| 33 | James McCallum | 56 | " | |
| 35 | John Martin | 41 | " | |
| 36 | Asa Walls | 41 | " | |
| 37 | Wm. Walls, jr | 43 | " | |
| 38 | John Nowlan | 44 | " | |
| 39 | Patrick Nowlan | 41 | " | |
| 40 | Hugh McLean | 33 | Inward only | Did not pilot in 1900. Boat-keeper of *Mabel* |
| 41 | Michael J. Jimmo | 33 | Full license | |
| 42 | George M. Nolan | 44 | " | |
| 43 | Chris. C. McLean | 53 | " | |
| 44 | George Savoy | 56 | " | |

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER,
*Chairman.*

PILOTAGE RETURNS for the Pilotage District of Miramichi, N.B., year ending December 31, 1900.

| No. | Names of Boats. | Tonnage. | Captains. | First Licensed. | Last Licensed. |
|---|---|---|---|---|---|
| 14 | Empress | 25·57 | Geo. Savoy | May, 1878 | Sold. |
| 15 | Princess Louise | 20·85 | Asa Walls | " 1879 | May, 1899. |
| 16 | Senator Snowball | 30·95 | Jas. A. Nowlan | " 1897 | " 1899. |
| 17 | Mabel | 22 | Geo. Savoy | " 1900 | " 1900. |

STATEMENT showing the Yearly Expenditure by the Pilots on account of the Pilot Schooners during the past Seven Years.

| Names of Boats. | Paid by Pilots in 1894. | Paid by Pilots in 1895. | Paid by Pilots in 1896. | Paid by Pilots in 1897. | Paid by Pilots in 1898. | Paid by Pilots in 1899. | Paid by Pilots in 1900. |
|---|---|---|---|---|---|---|---|
| | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. |
| Two Brothers | 398 77 | 501 56 | 412 56 | Sold | | | |
| Empress | 430 78 | 387 90 | 405 68 | 310 64 | 318 25 | Sold 17 62 | |
| Princess Louise | 391 84 | 381 21 | 329 14 | 305 05 | 322 19 | 395 46 | 351 30 |
| Senator Snowball | | | | 325 32 | 329 23 | 442 63 | 376 99 |
| Mabel | | | | | | | 199 47 |
| | 1,221 39 | 1,270 67 | 1,147 38 | 941 01 | 969 67 | 855 71 | 927 76 |

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER,
*Chairman.*

THE MIRAMICHI PILOTS IN ACCOUNT WITH R. R. CALL, SECRETARY-TREASURER.

STATEMENT showing Distribution of the $10,219.28 on hand, as per Pilotage Returns forwarded to the Deputy Minister of Marine and Fisheries, January 10, 1900.

| 1900. | | $ cts. |
|---|---|---|
| March 8.. | To paid George Savoy, fitting out schooner *Empress* | 20 00 |
| " 8.. | Sundry telegrams | 5 15 |
| " 8.. | D. G. Smith, amount of account for printing | 4 00 |
| " 8.. | Miramichi Steamship Navigation Company, for tickets | 3 75 |
| " 8.. | J. P. Searle, rent, pilots' office | 20 00 |
| " 8.. | E. Johnson, stationery for pilots' office | 0 90 |
| " 8.. | N. Cunningham, ballast for schooner | 3 86 |
| " 8.. | A. & R. Loggie, rent warehouse | 10 00 |
| " 8.. | R. J. Walls, sundry expenses pilots' office | 19 94 |
| " 8.. | Alex. Martin, balance pension 1899 | 55 00 |
| " 8.. | R. J. Walls, to retire note on account schooner *Princess Louise* | 300 00 |
| " 8.. | Mrs. Mary Martin, allowance | 75 00 |
| " 8.. | " share in pilot schooner | 127 58 |
| " 8.. | Mrs. Margaret Nowlan " | 127 58 |
| " 9.. | Angus McEachran " | 127 58 |
| " 9.. | Sundry accounts schooner *Senator Snowball* | 442 63 |
| " 9.. | " " *Princess Louise* | 395 46 |
| " 9.. | " " *Empress* | 17 62 |
| " 9.. | R. A. Lawlor, balance legal expenses | 480 00 |
| " 9.. | New pilots while injunction was pending | 400 00 |
| " 9.. | Balances in full to Geo. Savoy, Angus McEachran and new pilots | 337 17 |
| " 9.. | Balances in full to old pilots, as per receipts | 7,246 06 |
| | | 10,219 28 |

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER,
*Chairman.*

## The Miramichi Pilots in account with R. R. Call, Secretary-Treasurer.

| 1900. | | Dr. | | $ cts. |
|---|---|---|---|---|
| July | 18.. | To Paid Capt. A. Allen, putting pilots on vessels | | 7 00 |
| " | 18.. | " Robt. J. Walls, to retire note account repairs to *Princess Louise* | | 324 00 |
| " | 18.. | " Geo. Watts, account against *Princess Louise* | | 37 99 |
| Aug. | 18.. | " Geo. Stothart's account against *Senator Snowball* | | 9 09 |
| " | 18.. | " Geo. Watts' " " | | 30 15 |
| " | 18.. | " John Wilson's " *Princess Louise* | | 96 72 |
| " | 18.. | " " " *Senator Snowball* | | 22 03 |
| " | 18.. | " Asa Walls, fitting out *Princess Louise* | | 40 00 |
| " | 18 . | " Robt. J. Walls, premium insurance seine | | 9 00 |
| " | 18.. | " M. S. Hocken's account against *Senator Snowball* | | 66 13 |
| Sept. | 18.. | " Robt. J. Walls, to retire note account repairs to *Princess Louise* | | 270 41 |
| " | 18.. | " J. D. Creaghan's account against *Princess Louise* | | 8 00 |
| " | 18.. | " J. P. Searle, rent pilots' office to April, 1901 | | 20 00 |
| Oct. | 18.. | " Robt. J. Walls' account for horse-hire | | 7 00 |
| " | 18.. | " John Wilson's account against *Princess Louise* | | 13 17 |
| " | 18.. | " Geo. Stothart's " " | | 3 38 |
| " | 18.. | " Alexander Martin, pension for 1900 | | 75 00 |
| Nov. | 17.. | " Robt. J. Walls, to retire note repairs to *Princess Louise* | | 117 50 |
| " | 17.. | " Miramichi Steam Navigation Co., for tickets | | 7 50 |
| " | 17.. | " C. A. Gunn, fixing anchor | | 6 00 |
| " | 17.. | " Arch. McLean, for sundries, schooners | | 6 61 |
| " | 17.. | " J. B. Snowball Co., Ltd., for marline | | 1 10 |
| " | 29.. | " Wm. Walls, sr., for money advanced | | 10 00 |
| " | 29.. | " E. Johnson, stationery, &c., for pilots' office | | 2 55 |
| " | 29.. | " Geo. Watts' account sundries *Princess Louise* | | 25 82 |
| " | 29.. | " V. A. Danville, for following accounts paid by him:– A. C. McLean's account, $4.81; estate J. R. Goggin, 75c.; E. Burk, $4.40; W. S. Loggie Co.'s account, $3.45—all against *Senator Snowball*; also paid for cutting *Senator Snowball* out from wharf, $4 | | 17 41 |
| Dec. | 6.. | " Asa Walls, cutting out *Princess Louise* from wharf | | 5 00 |
| " | 6.. | " Geo. Watts', account against *Senator Snowball* | | 6 27 |
| " | 6.. | " E. Burke's account against *Princess Louise* | | 1 45 |
| " | 6.. | " Anslow Bros.', account for printing, &c | | 3 00 |
| " | 6.. | " Francis Martin, refund on account seine | | 0 45 |
| " | 6.. | " Secretary-treasurer, postage, stationery, &c. | | 3 47 |
| " | 6.. | " R. R. Call, secretary-treasurer, commission on $11,813.26 at 3 per cent. | | 354 40 |
| " | 12.. | " 20 pilots, $8,361.20; and 4 pilots, $1,844.46 | | 10,205 66 |
| | | | | 11,813 26 |
| | | Cr. | | |
| Dec. | 12.. | By Amount collected pilotage inward | 5,115 16 | |
| " | 12.. | " " " outward | 5,890 00 | |
| " | 12.. | " " for removals | 348 00 | |
| " | 12.. | " earned by pilots outside | 460 10 | |
| | | | | 11,813 26 |

R. R. CALL,
*Secretary-Treasurer.*

J. C. MILLER,
*Chairman.*

# APPENDIX No. 15.

## REPORT OF THE PILOTAGE AUTHORITY OF THE COUNTY OF CHARLOTTE, N.B., FOR THE YEAR ENDED DECEMBER 31, 1900.

St. Andrews, N. B., December 31, 1900.

F. Gourdeau, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

Sir,—I have the honour to hand you inclosed pilotage returns of the district of the County of Charlotte for the year ending December 31, 1900.

I am, sir, your obedient servant,

C. E. O. HATHEWAY,
*Commissioner and Secretary.*

Pilotage Returns for the district of the County of Charlotte, Province of New Brunswick, for year ending December 31, 1900.

| Names of Pilots acting. | Residence. | Age. | Date of License. |
|---|---|---|---|
| Wellington Cline | Parish of West Isle | 59 years | April 9, 1890 |
| Joseph Boyd | " Campobello | 65 " | June 4, 1900 |

One pilot schooner licensed, 11 tons register, Joseph Boyd, master. Three licenses to masters of barges: 2 of 439 tons each, 1 of 433 tons—total 1,311 tons.

*Amount of Pilotage collected by Pilots.*

British vessels, $87.29 ; foreign vessels, $142.90 ; total, $230.10.

| No. | Description of Vessels Piloted. | Nationality. | Tonnage. | No. | Description of Vessels Piloted. | Nationality. | Tonnage |
|---|---|---|---|---|---|---|---|
| 3 | Schooners | British | 729 | 1 | Barque | Foreign | 60 |
| 3 | " | Foreign | 820 | | | | 2,14 |

*Receipts by Pilotage Authority.*

| | | |
|---|---|---|
| License to one pilot boat | $ 5 00 | |
| " one pilot | 6 00 | |
| " three masters of barges | 18 00 | |
| Received for regulations | 1 00 | |
| | | $30 00 |

*Charges.*

| | | |
|---|---|---|
| Postage and stationery | $ 1 00 | |
| Allowed Commissioner, St. Stephens, St. George | 5 00 | |
| " Commissioner and secretary, St. Andrews | 24 00 | |
| | | $30 00 |

C. E. O. HATHEWAY,
*Commissioner and Secretary.*

St. Andrews, N.B., December 13, 1900.

*Rates of Pilotage in the District.*

Longest pilotage distance, inwards or outwards, $2.25 per foot draught of water.
Second " " 1.60 "
Third " " 1.50 "
From or to Campobello, 20 cents per foot less than above rates.
Fourth pilotage distance, inwards or outwards, $1 per foot draught of water.
From November 1 to April 1, 20 cents per foot in addition to above rates.

To or from St. Andrews harbour to ballast ground, vessels 80 tons and under 300 tons, $2.50 each; 300 tons and upwards, $3 each.

Removing a vessel from one loading place or harbour, to any other loading place or harbour inside St. Andrews Bay, vessels 80 tons up to 200 tons, $4; over 200 tons and up to 300 tons, $5; over 300 tons and up to 400 tons, $6; exceeding 400 tons, $8 each.

Removing a vessel from any loading place inside St. Andrews Bay to any harbour or loading place outside St. Andrews Bay and within the district pilotage inwards or outwards, vessels 80 tons and under 200 tons, $6; 200 tons and under 300 tons, $8; 300 tons and under 400 tons, $10; 400 tons and upwards, $12 each.

C. E. O. HATHEWAY,
*Commissioner and Secretary.*

# APPENDIX No. 16.

## REPORT OF THE PILOTAGE AUTHORITY OF HARVEY, N.B., FOR THE YEAR ENDED DECEMBER 31, 1900.

LIST of vessels reported Inward paying Pilotage dues at the port of Harvey for the year ending December 31, 1900.

| Description of Vessel. | Name and Nationality. | Tonnage. | Amount of Pilotage. |
|---|---|---|---|
| | | | $ cts |
| Bark | P. G. Blanchard, Nor. | 1,213 | 25 00 |
| Ship | Black Adder, Nor. | 917 | 24 00 |
| Bark | Matheld, Nor. | 834 | 22 50 |
| " | Spind, Nor. | 435 | 22 00 |
| S.S. | Benedeck, Br. | 1,758 | 34 00 |
| Bark | Benjamin Bangs, Nor. | 1,082 | 20 00 |
| S.S. | John Christie, Nor. | 974 | 28 00 |
| Bark | Hilden, Nor. | 1,142 | 26 00 |
| S.S. | Estry, Br. | 1,924 | 19 00 |
| " | John Christie, 2nd voyage, Nor. | 974 | 18 50 |
| Bark | Westmorland, Br. | 698 | 8 50 |
| | | 11,951 | 247 00 |

GEO. A. COONAN,
*Secretary to Pilot Commissioners.*

HARVEY, N.B., December 31, 1900.

# APPENDIX No. 17.

## REPORT OF THE PILOTAGE AUTHORITY OF ST. JOHN, N.B., FOR THE YEAR ENDED DECEMBER 31, 1900.

OFFICE OF PILOTAGE AUTHORITY,
DISTRICT OF ST. JOHN, N.B., January 4, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Inclosed herewith please find our annual returns for pilotage, for this district, for the year ending December 31, 1900, all of which I trust you may find in order

I have the honour to be, sir,
Your obedient servant,

J. U. THOMAS,
*Secretary.*

STATEMENT of Receipts and Expenditures for the year ended December 31, 1900.

| INCOME ACCOUNT. | $ cts. | $ cts. |
|---|---|---|
| RECEIPTS. | | |
| Licenses to 29 pilots at $5 | 145 00 | |
| " 6 boats at $10 | 60 00 | |
| | | 205 00 |
| 25 cents per foot on outward pilotage from Port of St. John to date | 2,007 41 | |
| 25 " " " " Musquash " | 12 75 | |
| | | 2,020 16 |
| | | 2,225 16 |
| EXPENDITURES. | | |
| J. & A. McMillan, stationery | 24 13 | |
| Auditing accounts for 1899 | 25 00 | |
| Office rent, one year | 100 00 | |
| Salary secretary-treasurer, one year to date | 800 00 | |
| Sundries | 25 33 | |
| | | 974 46 |
| Amount transferred to Pilot Fund account | ..... | 1,250 70 |
| | | 2,225 16 |

J. U. THOMAS,
*Secretary.*

STATEMENT of Pilot Fund Account for year ended December 31, 1900.

| PILOT FUND ACCOUNT. | $ cts. | $ cts. |
|---|---|---|
| DR. | | |
| To pensions paid pilots | 806 25 | |
| " " widows and children | 766 25 | |
| | | 1,572 50 |
| To balance | | 10,123 81 |
| | | 11,696 31 |
| CR. | | |
| By balance December 31, 1899 | | 10,179 57 |
| Interest on Dominion Savings Bank deposits, 12 months to July 1, 1900:— | | |
| Per pass book No. 744 | 132 18 | |
| " " 10,260 | 133 86 | |
| | | 266 04 |
| Amount brought from income account | | 1,250 70 |
| | | 11,696 31 |
| By balance to credit of Pilot Fund Account, December 31, 1900 | | 10,123 81 |

J. U. THOMAS,
*Secretary.*

STATEMENT of Finances of the St. John Pilot Commissioners as per audit, December 31, 1900.

| INVESTMENT ACCOUNT. | $ cts. | $ cts. |
|---|---|---|
| On deposit Dominion Savings Bank per pass book No. 744 | 4,539 14 | |
| " " " " No. 10,260 | 4,596 54 | |
| | | 9,135 68 |
| CURRENT ACCOUNT. | | |
| On deposit in Bank of New Brunswick | | 988 13 |
| | | 10,123 81 |

J. U. THOMAS,
*Secretary.*

PILOTS' individual earnings for the year 1900.

| — | $ cts. | $ cts. |
|---|---|---|
| Total amount of pilotage received | 31,598 42 | |
| LESS—25 cents per foot from outward pilotage for office expenses, Pilot Fund, &c. | 2,007 41 | 29,591 01 |
| *Contra.* | | |
| Bennett, James | 1,446 43 | |
| Cline, Richard | 2,130 30 | |
| Cline, Richard B | 1,002 65 | |
| Cline, Alfred | 469 10 | |
| Conlin, Patrick | 113 45 | |
| Daley, Charles | 412 50 | |
| Doyle, James | 1,500 55 | |
| Doherty, Joseph | 3,245 57 | |
| Lahey, William | 657 12 | |
| Lahey, Frank L | 1,575 30 | |
| Mantle, James E | 472 01 | |
| Miller, James H | 1,585 93 | |
| Murray, William | 424 12 | |
| Quinn, William | 1,383 45 | |
| Reed, James | 569 50 | |
| Rogers, Bart | 1,786 30 | |
| Spears, John | 545 23 | |
| Spears, Henry | 1,230 38 | |
| Spears, Martin | 1,121 48 | |
| Spears, James S | 543 76 | |
| Sherrard, John L. C | 1,214 61 | |
| Stone, Thomas J | 677 14 | |
| Scott, William | 808 83 | |
| Scott, Richard | 826 85 | |
| Thomas, John S | 1,802 90 | |
| Thomas, Robert | 415 78 | |
| Traynor, Thomas | 1,629 77 | |
| | | 29,591 01 |

J. U. THOMAS,
*Secretary.*

RETURN of Vessels arriving at the Port of St. John, N.B., subject to pilotage, for the year ending December 31, 1900.

| — | British. | Foreign. | Total. |
|---|---|---|---|
| Schooners | 138 | 158 | 296 |
| Brigs and brigantines | 5 | 2 | 7 |
| Barques and barquentines | 25 | 40 | 65 |
| Ships | 3 | 9 | 12 |
| Steamers | 168 | 22 | 190 |
| | 339 | 231 | 570 |
| Amount of pilotage received | $22,997 05 | $8,601 37 | $31,598 42 |

J. U. THOMAS,
*Secretary.*

LICENSED Pilots, Port of St. John, N.B., for the year 1899–1900.

| Name. | Age. | Residence. | Remarks. |
|---|---|---|---|
| Bennett, James | 43 | St. John, N.B | |
| Cline, Richard | 75 | " | |
| Cline, Richard B. | 30 | " | |
| Cline, Alfred | 43 | " | |
| Conlin, Patrick | 50 | " | |
| Daley, Charles | 64 | " | |
| Doyle, James | 63 | " | |
| Doherty, Joseph | 54 | " | |
| Lahey, William | 71 | " | |
| Lahey, Frank L. | 29 | " | |
| Mantle, James E. | 54 | " | |
| Miller, James H. | 23 | " | |
| Murray, William | 26 | " | |
| Quinn, William | 53 | " | |
| Reed, James | 54 | " | |
| Rogers, Bart | 43 | " | |
| Spears, John | 51 | " | |
| Spears, Henry | 49 | " | |
| Spears, Martin | 43 | " | |
| Spears, James S. | 55 | " | |
| Sherrard, John L. C. | 66 | " | |
| Stone, Thomas J. | 47 | " | |
| Scott, Richard | 49 | " | |
| Scott, William | 44 | " | |
| Thomas, John S. | 52 | " | |
| Thomas, Robert | 59 | " | |
| Traynor, Thomas | 47 | " | |
| McAnulty, John | 62 | Musquash, N.B. | Licensed for Musqua |

J. U. THOMAS,
*Secretar*

# APPENDIX No. 18.

## REPORT OF THE PILOTAGE AUTHORITY OF SHEDIAC, N.B., FOR THE YEAR ENDED DECEMBER 31, 1900.

F. GOURDEAU, Esq.,
Deputy Minister of Marine,
Ottawa.

SIR,—The pilotage authority for the port of Shediac, N.B., beg leave to submit the following report for the year ended December 31, 1900.

| | Names of Pilots in District. | Age. | Service. |
|---|---|---|---|
| 1 | Edward McDonald | 68 | Full district. |
| 2 | Docity P. LeBlanc | 62 | " |
| 3 | Thomas McGrath | 54 | " |
| 4 | Olaf Hendrickson | 48 | " |
| 5 | Paul P. LeBlanc | 55 | " |

Number of vessels reported liable to pay pilotage :

| | Inwards. | Outwards. |
|---|---|---|
| British sailing vessels, none | | |
| Foreign " | 21 | 21 |
| | 21 | 21 |

Nationality of above vessels reported inwards during A.D. 1900—Norwegian, 21.

The total amount received for pilotage services for the year was as follows:—From foreign vessels, $918.63.

This amount was all paid to the above pilots.

The rates of pilotage for the district are as follows:—For pilotage inwards and outwards, $1.50 per foot draught of water; each remove $4.

Yours respectfully,

W. A. RUSSELL,
*Secretary to the Pilotage Commission of Shediac.*

# APPENDIX No. 19.

## REPORT OF THE PILOTAGE AUTHORITY FOR THE PILOTAGE DISTRICT OF ST. MARY'S AND LISCOMB, N.S., FOR THE YEAR ENDED DECEMBER 31, 1900.

### EDWARD QUINN, PILOT No. 1, FOR ST. MARY'S.

| Date of Arrivals. | Where from. | Rig. | Name of Vessel. | Port of Registry. | Register Tonnage. | Name of Master. | Rate of Pilotage. Inwards. | Outwards. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| 900. | | | | | | | $ cts. | $ cts. | $ cts. |
| Jun 17.. | ..... | Schooner... | Morancy .... | Lubec... | 159 | W. Henderson..... | 5 00 | 7 00 | 12 00 |
| " 23.. | ..... | " ... | Magie Smith ..... | Lunenburg ..... | 84 | Burke ..... | 3 36 | ..... | 3 36 |
| July 14 . | 109 days on s. dredge St. Lawrence at $3 per day | | | | | | | | 327 00 |
| | | | | | | | | | 342 36 |

### JOHN BYERNS, PILOT No. 3, FOR ST. MARY'S.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| July —.. | Sydney ..... | Schooner... | Magie Smith.. .. .... | Lunenburg ..... | 84 | Burke..... | ..... | 3 36 | 3 36 |
| " —.. | " ..... | " .. | J. R. Kelly .. ..... | Halifax..... | 32 | Hilchey ..... | 1 28 | 1 28 | 2 56 |
| " —.. | " ..... | " ... | H. M. Crosby ..... | " ..... | 64 | Pebrine..... | 2 56 | 2 56 | 5 12 |
| Aug. —.. | " ..... | " .. | " ..... | " ..... | 64 | " ..... | 2 56 | 2 56 | 5 12 |
| Sept. —.. | " ..... | " ... | " ..... | " ..... | 64 | " ..... | 2 56 | 2 56 | 5 12 |
| Nov. 8.. | Cardigan Bridge. .... | " ... | Minnie Mac ..... | " ..... | 76 | W. McConnel..... | 3 04 | ..... | 3 04 |
| Dec. 5.. | Halifax ..... | " ... | Alma..... | New York ..... | 120 | Lent ..... | 5 00 | 7 00 | 12 00 |
| " 5 . | " ..... | " ... | Viola..... | St. John..... | 124 | W. Henderson..... | 5 00 | 7 00 | 12 00 |
| | | | | | | | | | 48 32 |

### HENRY J. PYE, PILOT No. 1, FOR LISCOMB.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| May 28.. | Arundal. ..... | Barque..... | Ungetonis Venner ..... | Arundal, Norway. ..... | 502 | E. Pederson ... .... | 12 00 | 14 00 | 26 00 |
| June 26.. | Liverpool .. ..... | " ..... | Aarvak..... | Posagrund ..... | 1,013 | Jinil ..... | 16 00 | 18 00 | 34 00 |
| Aug. 6.. | ... ..... | " .... | Douria... ... ..... | Arundal..... | 1,437 | Bie..... | ..... | 22 00 | 22 00 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| " 17.. | New York | Schooner | Exception | American | 320 | | | | 17 00 |
| " 14. | Liverpool | Ship | Charles S. Whitney | Parrsboro | 1,647 | Levi Ackins | 8 00 | 9 00<br>24 00 | 24 00 |
| | | | | | | | | | 123 00 |

CHARLES G. RILEY, PILOT No. 3, FOR LISCOMB.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| May 18.. | Belfast | Barque | Bella | Norway | 508 | Anderson | 12 00 | 14 00 | 26 00 |
| " 28.. | Arundal, Norway | " | Charlotte Padburg | Arundal | 589 | J. Olsen | 12 00 | 14 00 | 26 00 |
| June 14.. | New Castle | " | Douria | Norway | 1,437 | Bie | 20 00 | | 20 00 |
| July 27.. | London | " | Longfellow | " | 770 | Sanderson | 14 00 | 16 00 | 30 00 |
| | | | | | | | | | 102 00 |

ARTHUR McKINLAY, PILOT No. 5, FOR LISCOMB.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Aug. 14.. | Liverpool | Ship | Charles S. Whitney | Parrsboro | 1,647 | L. Ackins | 22 00 | | 22 00 |

WILLIAM PRIDE,
*Secretary to Commissioners.*

# APPENDIX No. 20.

## REPORT OF THE PILOTAGE AUTHORITY OF PICTOU, N.S., FOR THE YEAR ENDED DECEMBER 31, 1900.

PORT OF PICTOU,
December 31, 1900.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—Inclosed please find pilotage returns for the port of Pictou for season ending 1900.

I am,
Your obedient servant,

W. H. NOONAN.

TOTAL Amount received for Pilotage Dues for season ending 1900.

| | $ cts. | $ cts. |
|---|---|---|
| Total amount received for dues for season ending 1900 | | 2,333 24 |
| Of this amount— | | |
| Received from steamships | 2,057 49 | |
| " sailing vessels | 275 75 | |
| | | 2,333 24 |
| Of this amount— | | |
| Received from British ships | 1,153 04 | |
| " foreign " | 1,180 20 | |
| | | 2,333 24 |

Certified Master—A. B. Boulangier, ss. *Campana.*

MEMORANDUM of earnings of Pilots, 1900.

| No. | Name. | Residence. | Age. | Amount. |
|---|---|---|---|---|
| | | | | $ cts. |
| 1 | J. Fraser | Chance Harbour | 69 | 135 00 |
| 2 | W. A. Cooke | Pictou | 62 | 151 50 |
| 3 | C. A. Cooke | " | 54 | 312 68 |
| 4 | G W. Powell | Pictou Landing | 49 | 312 68 |
| 5 | D. S. Smith | Pictou | 49 | 1,016 40 |
| 6 | A. Smith | " | 43 | 538 64 |
| 7 | McG. Fraser | Pictou Landing | 32 | 167 00 |
| | | | | 2,321 22 |

RECEIPTS and Expenditures of all moneys received by or on behalf of the Pilotage Authority, in respect of Pilots or Pilotage.

| RECEIPTS. | $ cts. | $ cts. |
|---|---|---|
| Received pilotage dues, as per statement | 2,333 24 | |
| " from 6 pilots, renewing bonds | 6 00 | |
| " Capt. Boulangier, ss. *Campana*, coasting license | 40 00 | |
| Balance due secretary | 902 79 | |
| | | 3,282 03 |
| **EXPENDITURES.** | | |
| Paid pilots for pilotage | 2,321 22 | |
| " secretary for services | 200 00 | |
| Balance from 1899 | 760 81 | |
| | | 3,282 03 |

Examined and found correct.

JOHN R. DAVIS.
WM. FRASER.

# APPENDIX No. 21.

## REPORT OF PILOTAGE AUTHORITY OF SYDNEY, C.B., FOR THE YEAR ENDED DECEMBER 31, 1900.

NORTH SYDNEY, C.B., January 10, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine,
Ottawa.

SIR,—I beg to wait on you with returns in connection with the Pilotage Authority district of Sydney for the year ending December 31, 1900, showing:

| | |
|---|---|
| Balance due per account | $1,263 42 |
| Amount on deposit | 1,000 00 |
| | $2,263 42 |

which, I trust, will be found correct.

Your obedient servant,

DANIEL McLEAN,
*Secretary.*

NORTH SYDNEY.

| — | Number. | Tonnage. |
|---|---|---|
| British steamers | 108 | 59,567 |
| Foreign " | 113 | 139,937 |
| British sailing vessels | 47 | 8,369 |
| Foreign " | 12 | 7,119 |
| Relief | 11 | 1,667 |
| | 291 | 186,659 |

PILOTAGE RECEIVED.

| | |
|---|---|
| From British vessels | $ 1,804 76 |
| " foreign " | 3,760 33 |
| " relief " | 33 50 |
| | $ 5,598 59 |

## INTERNATIONAL.

| — | Number. | Tonnage. |
|---|---|---|
| British steamers | 228 | 357,552 |
| Foreign " | 149 | 258,141 |
| British sailing vessels | 13 | 2,927 |
| Foreign " | 14 | 6,345 |
| Relief | 12 | 1,949 |
| | 416 | 626,914 |

## PILOTAGE RECEIVED.

| | |
|---|---|
| From British vessels | $ 11,823 50 |
| " foreign " | 9,057 00 |
| " relief " | 45 50 |
| | $ 20,926 00 |

## RECAPITULATION.

| Port. | Number of Vessels. | Tonnage. | Amount. |
|---|---|---|---|
| | | | $ cts. |
| North Sydney | 291 | 186,659 | 5,598 59 |
| International | 416 | 626,914 | 20,926 00 |
| | 707 | 813,573 | 26,524 59 |

## MASTERS LICENSED.

| No. | Name. | Vessel. | Class. | Amount. |
|---|---|---|---|---|
| | | | | $ cts. |
| 2 | G. Hall | Rembrandt | Barge | 100 00 |
| 4 | D. C. Fraser | Bonivesta | Steamer | 100 00 |
| 5 | E. Couillard | Greetlands | " | 100 00 |
| 8 | M. M. Florian | Grandee | Barge | 100 00 |
| 9 | J. Reed | Cape Breton | Steamer | 100 00 |
| 10 | D. A. Scott | Harlaw | " | 100 00 |
| 11 | W. H. Gould | Louisburg | " | 100 00 |
| 12 | H. Boulanger | Tiber | " | 100 00 |
| 16 | P. LeChaux | Polino | " | 100 00 |
| | | | | 900 00 |

## STATEMENT of Relief.

| Date. | Name. | Amount. |
|---|---|---|
| 1900. | | $ cts. |
| Feb. 21 | Family Maurice Doyle | 30 00 |
| " 21 | Pilot John Curren | 20 00 |
| April 10 | Widow Madore | 20 00 |
| June 1 | Family Doyle | 30 00 |
| " 18 | Pilot Peter Burke | 30 00 |
| July 6 | Margaret Petrie | 15 00 |
| " 15 | Isabel McGillvray | 15 00 |
| " 15 | Mary Petrie | 30 00 |
| " 24 | Mrs. Daly | 15 00 |
| " 24 | Widow McInnis | 15 00 |
| " 24 | Widow Madore | 20 00 |
| Oct. 2 | Widow McGillivray | 30 00 |
| " 8 | Widow Brown | 30 00 |
| " 8 | Widow Daly | 15 00 |
| Dec. 12 | Margaret Petrie | 15 00 |
| " 17 | Widow McInnis | 15 00 |
| " 29 | Catherine McGillvray | 30 00 |
| " 31 | Widow Carroll | 30 00 |
| | | 405 00 |

## SYDNEY Pilotage Authority.

**DR.**

| 1900. | | $ cts. |
|---|---|---|
| To paid total pilotage | $26,524 59 | |
| Less—Relief | 79 00 | |
| | $26,445 59 | |
| " Commission | 1,322 27 | |
| | | 25,123 32 |
| Salary—Collectors, secretary and treasurer | | 1,250 00 |
| Head collector's office Rent and fuel | | 50 00 |
| Expenses of five commissioners | | 150 00 |
| Books, printing and stationery | | 15 88 |
| Telegrams and sundries | | 7 55 |
| Bank charges, drafts, Sydney | | 16 22 |
| Relief per statement | | 405 00 |
| Amount deposit bank | | 1,000 00 |
| Balance carried down | | 1,263 42 |
| | | 29,281 39 |

**CR.**

| 1900. | $ cts. |
|---|---|
| By Total pilotage, per returns | 26,524 59 |
| License to pilots | 87 00 |
| Boats licensed | 16 00 |
| Masters licensed | 900 00 |
| Balance on hand | 718 00 |
| Interest on deposit | 35 00 |
| Deposit receipt, Union Bank | 1,000 00 |
| | 29,281 39 |
| January 10, 1900. | |
| By Balance brought down | 1,263 40 |
| Amount on deposit, Union Bank | 1,000 00 |
| | 2,263 40 |

## Each Pilot's Earnings for Year 1900.

| No. | Name. | Amonnt. |
|---|---|---|
| | | $ cts. |
| 1 | William Ratchford | 773 02 |
| 2 | J. B. Cann | 773 02 |
| 3 | J. T. Mullins | 773 02 |
| 4 | Andrew Ratchford | 773 02 |
| 5 | John Fraser | 773 02 |
| 6 | Jas. B. McGillvray | 773 02 |
| 7 | Angus McNeil | 773 02 |
| 8 | John Carroll | 773 02 |
| 9 | G. B. Brown | 773 02 |
| 10 | L. Connell | 773 02 |
| 11 | James Carroll | 773 02 |
| 12 | D. D. Petrie | 773 02 |
| 13 | John McNeil | 773 02 |
| 14 | Peter Burke | 773 02 |
| 15 | James Shanahan | 773 02 |
| 16 | William Brown | 773 02 |
| 17 | Thomas Ratchford | 773 02 |
| 18 | G. D. Townsend | 773 02 |
| 19 | John B. McGillvray | 773 02 |
| 20 | L. Ling | 773 02 |
| 21 | James Fraser | 773 02 |
| 22 | Tom McNeil | 773 02 |
| 23 | J. T. Laffin | 773 02 |
| 24 | Thomas Roberts | 773 02 |
| 25 | Joseph Brown | 773 02 |
| 26 | Bernard Mullins | 773 02 |
| 27 | D. A. McInnis | 773 02 |
| 28 | E. D. Cann | 773 02 |
| 29 | Walter Handregan | 773 02 |
| | Apprentices. | |
| 1 | William Langille | 386 53 |
| 2 | Vincent McGillvray | 386 53 |
| 3 | Michael Curran | 386 53 |
| 4 | Thomas Rudderham | 386 53 |
| 5 | Alford Richardson | 386 53 |
| 6 | John Mahon | 386 53 |
| 7 | Louis Carroll | 386 56 |
| | | 25,123 32 |

A. GANNON,
*Head Collector.*

# APPENDIX No. 22.

## REPORT OF PILOTAGE AUTHORITY FOR CARAQUET, N. B., FOI YEAR ENDED DECEMBER 31, 1900.

CARAQUET, N.B., December 27, 19

To the Honourable Sir L. H. DAVIES,
Minister of Marine,
Ottawa.

SIR,—I beg to inclose herewith statement of pilotage fees paid in the pilot trict of Caraquet during the year 1900, also my statement of account with tl Commissioners.

I have the honour to be, sir,
Your obedient servant,

PHILIP RIVE,
*Secretary to Pilot Commission*

STATEMENT of Pilotage paid during 1900, in the Pilotage District of Caraquet.

| Name of Vessel. | Nationality. | Rig. | Tonnage. | Date of Arrival. | Name of Pilot. | Date of Sailing. | Name of Pilot. | Amount of Pilotage In and Out. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | $ cts. |
| Alliance | British | Schooner | 99 | May 12 | Chas. Vibert | June 6 | Chas. Vibert | 22 60 |
| " | " | " | 99 | Aug. 17 | " | Aug. 22 | " | 23 30 |
| George and Mary | " | " | 83 | " 21 | Gers. Poulain | Sept. 21 | No pilot | 12 00 |
| Hibernica | " | Brigantine | 148 | Sept. 10 | Joseph Leulain | Oct. 28 | Chas. Vibert | 26 00 |
| Pride of the West | " | Schooner | 99 | " 12 | Chas. Vibert | " 25 | Gers. Poulain | 23 20 |
| Alliance | " | " | 99 | Oct. 4 | " | Nov. 14 | Chas. Vibert | 21 80 |
| Mary Classon | " | Brigantine | 182 | Nov. 5 | " | " 20 | " | 21 50 |
| | | | | | | | | 150 40 |

## STATEMENT OF SECRETARY'S ACCOUNT.

PHILIP RIVE, in account with Pilot Commissioners during the Year 1900.

DR.

| | |
|---|---|
| To cash received Pilot Xavier Poulain, boat license | $ 1 00 |
| " " Alex. Wilson, " | 1 00 |
| " " Chas. Vibert, " | 1 00 |
| " " Auguste Poulain, " | 1 00 |
| " " Lazare Gauvin, " | 1 00 |
| " " Jos. X. Chiasson, " | 1 00 |
| | $ 6 00 |

CR.

| | |
|---|---|
| By Postage and stationery | $ 1 00 |
| " Salary | 5 00 |
| | $ 6 00 |

CARAQUET, December 27, 1900.

PHILIP RIVE,
*Pilot Commissioner and Secretary to Pilot Commissioners.*

# APPENDIX No. 23.

## REPORT OF THE PILOTAGE AUTHORITY OF BATHURST, N.B., FOR THE YEAR ENDED DECEMBER 31, 1900.

STATEMENT showing the number of vessels, collections and disbursements, Pilotage District of Bathurst, N.B,, season 1900.

| Pilots. | British Vessels. | | | | | Foreign Vessels. | | | | | Grand Total. | Disbursements. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inwards. | | Outwards. | | Total. | Inwards. | | Outwards. | | Total. | | | |
| | No. | Amount. | No. | Amount. | | No. | Amount. | No. | Amount. | | | To whom. | Amount. |
| | | $ cts. | | $ cts. | $ cts. | | $ cts. | | $ cts. | $ cts. | $ cts. | | $ cts. |
| Wm. H. Daly..... Nazaire Hachey..... Frederic Reynolds..... | 6 | 160 22 | 6 | 87 80 | 248 02 | 10 | 145 80 | 10 | 122 80 | 268 60 | 516 62 | Pilots Hachey, Daly and Reynolds. | 490 80 |
| | | | | | | | | | | | | Commissioners and Secretary.... | 25 82 |
| | | | | | | | | | | | | | 516 62 |

*Pilotage rates—*

Outside bar, $1.20 per foot in and 80c. per foot out.
Inside bar, $1.40 " $1.00 "
Steamers, 1c. per ton extra in and out.

*Pilots—*

WM. H. DALY,
NAZAIRE HACHEY,
FREDERIC REYNOLDS.

*Commissioners—*

JOHN E. O'BRIEN, Chairman.
P. J. BURNS,
THOS. LEAHY,
SAMUEL MELANCON,
FRANK CURRAN.

J. H. STEWART,

# APPENDIX No. 24.

## REPORT OF THE PILOTAGE AUTHORITY OF BUCTOUCHE, N.B., FOR THE YEAR ENDED DECEMBER 31, 1900.

BUCTOUCHE, N.B., January 5, 1901.

Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Inclosed herewith I send returns of the Pilotage District of Buctouche, N.B., for the year 1900, which I hope will be found satisfactory.

Your obedient servant,

JOHN C. ROSS,
*Secretary of Buctouche Pilotage Authority.*

BUCTOUCHE, N.B., January 4, 1901.

1st. Names and ages of pilots licensed :—
Calixte Léger..... Age 68 years.
Joseph Crossman..... " 49 "

2nd. The above pilots are licensed to undertake the pilotage of vessels of every description within and throughout the pilotage district of Buctouche.

3rd. Pilotage dues are charged as per section 12 of Rules and Regulations for the District, viz.: One dollar and fifty cents per foot draught of water, both inward and outward bound.

4th. Total amount of pilotage dues paid, $80.75. Of this amount $38.75 and $42.00 were paid respectively by two foreign vessels, (Russian and Norwegian), the only ones liable for pilotage under the regulations. No pilotage was received from schooners or vessels by which employment of pilot was optional.

5th. The pilotage dues as above were paid to the pilots who performed their duties as such to the respective vessels.

6th. No new licenses were issued during the year, nor any expenses incurred by the pilotage authority.

JOHN C. ROSS,
*Secretary of Buctouche Pilotage Authority.*

# APPENDIX No. 25.

## REPORT OF THE PILOTAGE AUTHORITY FOR KINGSTON, KENT CO., N.B., FOR YEAR ENDED DECEMBER 31, 1900.

KINGSTON, KENT CO., N.B., November 30, 1900.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—I hereby send you report from the Pilotage Commissioners of the port of Richibucto, N.B., for season of 1900, viz. :

The Pilot Commissioners held annual meeting in Messrs. J. & W. Brait's office, Kingston, Kent County. Hudson, Jardine and Gordon present; Edward Walker represented by J. D. Walker, and William Brait by A. B. Carson; chairman, John Jardine. Agreed, that any steamers loading at this port shall pay $1.50 per foot pilotage inwards and outwards, also 4 cents per ton register.

The following pilots, William Irving, James Long, Albert Long, William Long and John Curwen, having agreed to the rules and regulations of pilots, are granted pilot licenses for this season.

Position of bar from lighthouse on south beach N.E. by N. 400 fathoms distant from L.W.O.S. on beach to buoy, from thence across bar N.E. by E. 200 fathoms. Depth on bar, L.W.O.S., 11 feet. Pilots report a shoal making in the channel about one mile inside of bar, S.W. from outside of north beach with only 10 feet 6 inches at L.W.

Fourteen vessels loaded and sailed from this port, registering 7,905 tons, this season. No casualties to report.

Yours respectfully,

JAMES GORDON,
*Secretary to Commissioners.*

# APPENDIX No. 26.

## REPORT OF THE PILOTAGE AUTHORITY OF THE COUNTY OF RICHMOND, N.S., FOR THE YEAR ENDED DECEMBER 31, 1900.

Report of the Pilotage Authority of the pilotage district of the connty of Richmond, for the year 1900. Only one pilot, John Gayetche, piloted in and out of the harbour of Arichat.

| | |
|---|---|
| British brig *Breault*, 151 tons | $11 25 |
| " barquentine *Hebro*, 220 tons | 13 50 |
| " " " | 13 50 |
| | $38 25 |

There is but very little to do for pilots now in these ports. Steamers are exempt, and they monopolize all the shipping.

ISIDORE LE BLANC,
*Secretary.*

ARICHAT, February 4, 1901.

# APPENDIX No. 27.

## REPORT OF PILOTAGE AUTHORITY FOR PORT OF LOUISBOURG, FOR THE YEAR ENDED DECEMBER 31, 1900.

| | |
|---|---|
| Vessels paid pilotage— | |
| British | 123 |
| Norwegian | 157 |
| French | 6 |
| American | 16 |
| Italian | 1 |
| Swedish | 3 |
| Total | 306 |

| | | |
|---|---|---|
| Amount received for pilotage | | $ 6,992 91 |
| Secretary's commission | $ 279 71 | |
| Expenses | 44 33 | |
| Rebates | 696 87 | |
| Paid pilots | 5,972 00 | |
| | | $ 6,992 91 |

Average paid each pilot, $744.

NAMES OF PILOTS.

John Power, Edward Kelly, Pierce Pope, John E. Tutty, Daniel A. Town: Philip W. Townsend, George Dickson and Joseph W. Wilcox.

Respectfully submitted,

PHILIP TOWNSEND,
*Secretary to Pilotage Authority.*

LOUISBOURG, N.S., February 1, 1901.

# APPENDIX No. 28.

## PILOTAGE AUTHORITY FOR THE DISTRICT OF PARRSBORO', N.S., FOR THE YEAR ENDED DECEMBER 31, 1900.

AMOUNT of Pilotage collected for the year was as follows :—

| DR. | — | CR. | — |
|---|---|---|---|
| | $ cts. | | $ cts. |
| 14 British vessels paid | 819 75 | Paid pilot Robert Anderson | 425 71 |
| 14 foreign " | 416 50 | " " James George | 225 90 |
| Received license fees on 4 barges at $35 each | 140 00 | " " George E. Pettis | 461 04 |
| Received commission on collection at Advocate Harbour | 18 22 | Placed to credit of commission account | 281 82 |
| | 1,394 47 | | 1,394 47 |

NAMES and Ages of Pilots.

| Names. | Age. | — |
|---|---|---|
| Robert Anderson | 47 | Full for district. |
| James George | 60 | " " |
| George E. Pettis | 62 | " " |
| Baxter McLelland | 42 | For district of Spencer's Island only. |
| J. Ephraim Morris | 38 | " " Advocate Harbour " |

The rates vary from 75 cents to $2.75 per draught foot on sailing vessels and 50 cents extra on steamers.

E. GILLESPIE,
*Secretary Parrsboro' Pilotage Authority.*

PARRSBORO', N.S., December 11, 1900.

# APPENDIX No. 29.

## REPORT OF THE PORT WARDEN OF MONTREAL FOR THE YEAR ENDED DECEMBER 31, 1900.

MONTREAL, January 9, 1901.

Honourable Sir L. H. DAVIES, K.C.M.G.,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Council of this Board and in compliance with section 31 of the Act governing the Port Warden Office, 45 Vic. chap. 45, to transmit herewith documents as follows:—

1. The Port Warden's report for the year 1900.
2. Audited statement of receipts and expenditure of the Port Warden's office for the year ending December 31, 1900.
3. Statement of investments of the Port Warden Surplus Fund.

I have the honour to be, sir,
Your obedient servant,

GEO. HADRILL,
*Secretary.*

MONTREAL, December 31, 1900.

To the President and Council
of the Montreal Board of Trade.

GENTLEMEN,—I have the honour to submit the annual report of the business of this office, with statements of exports, receipts and expenditures for the year 1900.

Navigation opened by the arrival from sea of the s.s. *Lake Megantic* at 5 p.m., Thursday April 26, followed at 7 p.m. by the ss. *Vancouver*, and closed with the departure for sea, at 1 p.m., December 3, of the ss. *Paliki*, one of the Algoma Central Steamship Company's vessels, which loaded part cargo of steel at Conneant, Ohio, Lake Erie, completing her cargo here with lumber for Cardiff.

The ss. *Paliki* is the fourth vessel this company has sent this fall from the lakes for winter employment in Europe or elsewhere.

This is a new departure brought about by the deepening of the canals and channels of the St. Lawrence, from the great lakes, which promises in the not very distant future to assume very large proportions. There is already another company, viz., the North Western Transportation Company, building steamers to run direct between Chicago and Liverpool.

The close of this season has been phenomnal, the last sailing was almost unprecedently late, being the latest departure for sea since the year 1864, the weather open and mild for some time after the last vessel sailed.

The first sailing vessel to arrive was the schr. *Golden Hind*, from Barbados, with a cargo of molasses, on May 20.

The first vessel to enter the Gulf of St. Lawrence this season by the Straits of Belle Isle was the ss. *Endeavour* which reported having passed Belle Isle 9.20 p.m., June 20. Saw no ice.

The season of 1900 has been remarkable for the inauguration of two important incidents, namely: the opening of direct trade from the west by the way of the great lakes and the St. Lawrence canals to European ports, and the departure hence of a steamer light to load a cargo of grain, &c., at Quebec. This was the ss. *Albanian* of the Leyland Line, which sailed hence on November 3 to take the first cargo of grain to be loaded from the new elevator at Quebec. The grain came direct from the west over the Great Northern Railway. This event also inaugurated the opening of the road for through western traffic to Quebec.

Four hundred and sixteen over-sea or foreign-going vessels of all kinds were entered at this office with a tonnage of 1,038,234 tons, a decrease of eighteen vessels, and 54,721 tons, compared with last year.

The business to the lower ports this season consisted of, entered, two hundred and seventy-one vessels of all classes, with a tonnage of 327,559 tons, a decrease of seventy-three vessels and 74,766 tons.

Clearance of vessels loaded for the lower ports were as follows: Eighty-four vesssels of all classes, with a tonnage of 63,171 tons, as against 105 vessels of all classes last year, with a tonnage of 91,045 tons, a decrease of twenty-one vessels and 27,874 tons.

One hundred and eighty-seven vessels cleared for the lower ports in ballast, being solely in the coal carrying trade.

Thus you will see there has been a marked all round decrease in tonnage entering and leaving the port this past season.

The falling off of tonnage in the foreign trade may be accounted for by the continued employment of a number of steamers, belonging to the regular lines frequenting this port as transports in connection with the war in South Africa, but the large diminution of tonnage in the lower port trade at the early part of the season was brought about by the almost prohibitory hull insurance rates demanded for the St. Lawrence trade, and the *vs.* B.N.A. clause in Atlantic charters. Later in the season it was more or less affected by the inability to procure coal in sufficient quantities, resulting in the vessels being taken off and placed on foreign voyages from Quebec and elsewhere.

The only vessel loaded this year for South America at this port, was the schooner *Glenrosa*, 486 tons, for Rosario.

The water in the river has ruled higher this year than last, the lowest water recorded in the ship channel was on November 2, Montreal gauge, 27 feet 3 inches, Sorel gauge, 26 feet 6 inches, whereas in 1899 the lowest water recorded was on November 27, Montreal gauge, 26 feet 8 inches, Sorel gauge, 26 feet 2 inches.

The large decrease in the shipments of lumber was principally caused by the disastrous fire which took place at Hull and Ottawa on April 26, destroying an immense quantity of deals and boards cut and prepared for shipment. The decrease of shipments in other commodities appear to have been caused by the want of the necessary tonnage when required, (and when it could have been satisfactorily and profitably filled), owing to the aforesaid discriminating rates of insurance on hulls and cargoes, which is so detrimental to the prosperity of this port, and advantageous to the United States ports to which the shipments are diverted.

With the exception of the accidents to the ss. *Ottoman*, we had no disasters of any import to report on the river between this port and Quebec.

The shipments of various kinds for the past season manifested and reported at this office are as per attached statement.

All of which is respectfully submitted.

ARCHIBALD REID,
*Port Warden.*

## PORT WARDEN'S OFFICE.

**Dr.** STATEMENT of Receipts and Expenditure for the Year ending December 31, 1900. **Cr.**

| 1899. | | $ cts. | $ cts. | 1900. | | $ cts. | $ cts. |
|---|---|---|---|---|---|---|---|
| Dec. 31.. | To Balance, cash in bank | 7,459 82 | | Dec. 31 . | By Paid salaries, &c.— | | |
| | Cash in Port Warden's hands | 186 63 | | | Archd. Reid, Port Warden | 2,500 00 | |
| | | | 7,646 45 | | A. T. Crighton, Deputy Port Warden | 1,800 00 | |
| | Outstanding accounts, 1899 | ... .... | 3 22 | | J. N. Bales " | 1,500 00 | |
| | Dividend from estate J. C. and G. D. | | | | W. J. Anderson, book-keeper | 1,500 00 | |
| 1900. | Warrington | ..... | 3 00 | | J. F. Scanlan, clerk | 600 00 | |
| | Revenue derived as under— | | | | S. Hayes, junior clerk | 360 00 | |
| | 10,376,683 bushels wheat | .. ..... | | | J. A. Vibert, allowance | 100 00 | |
| | 301,996 " buckwheat | ..... ... | | | Superannuation allowance— | | |
| | 1,690,999 " pease | ..... | | | Archd. Reid, port warden | 300 00 | |
| | 1,021,790 " barley | ..... | | | A. T. Crighton, Deputy Port Warden | 200 00 | |
| | 528,839 " rye | ..... .. | | | J. N. Bales " | 200 00 | |
| | 4,893,237 " oats | ..... | | | W. J. Anderson, book-keeper | 100 00 | |
| | 11,361,333 " corn | ..... ... | | | J. A. Vibert | 179 94 | |
| | 167,765 " flaxseed | ..... .... | | | Board of Trade— | | |
| | 8,760 tons oil-cake | ..... | | | Secretarial expenses | 1,000 00 | |
| | 5,308 " minerals | ..... | | | Rent, fuel and taxes | 312 58 | |
| | 18 " phosphates | .... . . | | | Telephones, light, cleaning office | 234 62 | |
| | 1,068 barrels ashes | ..... | | | Lloyds' register and shipping books | 35 42 | |
| | 486,200 " flour, meal, &c | 364 36 | | | Books, printing and stationery | 113 95 | |
| | 253,418 " apples | 633 95 | | | Cab and car-fares | 28 00 | |
| | 93,769 head oxen and horses | 937 69 | | | Miscellaneous expense | 35 44 | |
| | 31,625 " sheep | 79 10 | | | Alf. W. Hadrill, auditor | 60 00 | |
| | 245,873 tons sundries | 4,917 46 | | | | | 11,159 95 |
| | 9,752 " hay | 195 04 | | | Outstanding accounts, 1900, written off | ..... | 16 86 |
| | 232,449,185 feet sawn lumber | 1,161 87 | | | Balance, cash in bank | 8,285 57 | |
| | Port warden's fees (inwards) | 205 50 | | | Cheques from Board of Trade for interest | | |
| | " " (outwards) | 2,308 00 | | | due December 31 | 2,340 25 | |
| | Special surveys | 153 50 | | | Cash in Port Warden's hands | 133 42 | |
| | Damaged cargo certificates | 132 50 | | | | | 10,759 24 |
| | | | 11,068 97 | | | | |
| | Interest bank account | 163 91 | | | | | |
| | Treasurer, Board of Trade, interest on investments | 3,030 50 | | | | | |
| | | | 3,194 41 | | | | |
| | | | 21,936 05 | | | | 21,936 05 |
| 1901. Jan. — . | To balance | 10,759 24 | | | | | |

Audited and found correct. E. & O. E.

ALF. W. HADRILL, *Auditor.*

ARCHIBALD REID,
*Port Warden.*

MONTREAL, Jan[illegible]

STATEMENT of the Investments of the Surplus Funds of the Port Warden's Office at Montreal, and of interest accruing therefrom during the year ended December 31, 1900.

| Date. | — | Amount. | Per cent for 12 mos. | Interest. |
|---|---|---|---|---|
| | | $ | | $ cts. |
| Feb. 16, 1880. | Expended $2,380.34 in purchase of Dominion Government stock | 2,300 | 3½ | 80 50 |
| Aug. 16, 1880. | Expended $7,254.11 in purchase of city of Montreal Registered Stock | 7,000 | 5 | 350 00 |
| April 18, 1884. | Expended $5,031.34 in purchase of city of Montreal four per cent Registered Stock (Nos. 1720, 1721, 1722, 1723, 1724, 5 at $1,000 | 5,000 | 4 | 200 00 |
| Mar. 14, 1887. | Expended $10,320.75 in purchase of city of Montreal Consolidated Fund Stock | 10,000 | 4 | 400 00 |
| | Loans to Montreal Board of Trade Building Fund to December 31, 1900 | 50,000 | 4 | 2,000 00 |
| | Total | 74,300 | | 3,030 50 |

FRED. W. EVANS,
*Treasurer.*

GEO. HADRILL,
*Secretary.*

MONTREAL, January 8, 1901.

# APPENDIX No. 30.

## REPORT OF PORT WARDEN AT QUEBEC, FOR THE YEAR ENDED DECEMBER 31, 1900.

PORT WARDEN'S OFFICE,
QUEBEC, December, 1900.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—As required by the 30th section of the Port Warden Rules, I beg respectfully to submit the following annual statement of the business transacted in this office during the year ending December, 1900, as follows :—

Sixty-six steamers were surveyed for clearance outward after taking part cargo on board at this port, having previously shipped part cargo of grain and other goods at Montreal.

Sixteen steamers and eleven sailing vessels were surveyed, their hatches opened and cargo examined on their arrival from sea.

Two steamers were surveyed on account of damage sustained by stress of weather at sea.

Three steamers were surveyed on account of grounding and stranding in the River St. Lawrence below and above Quebec.

Two surveys were held on account of collision damage.

Four surveys were held on damaged goods in store and on wharfs.

The receipts and disbursements of this office were as follows :—

| | |
|---|---|
| Receipts from all sources | $727 50 |
| Expenses | 327 50 |
| Balance net receipts | $400 00 |

Besides the above there were several vessels damaged by stranding and otherwise that did not come under the Port Warden Rules.

There were no shipments of live stock from this port during this season.

With much respect,
I am your obedient servant.

W. SIMONS,
*Port Warden.*

# APPENDIX No. 31.

## REPORT OF PORT WARDEN AT HALIFAX, FOR THE YEAR ENDED DECEMBER 31, 1900.

HALIFAX, N.S., December 31, 1900.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my report for the year ending December 31, 1900, accompanied by a statement of the receipts and expenditure during that period.

Surveys were held by me on twenty-two steamers and two sailing vessels which arrived at this port in a damaged condition during the year. The necessary repairs were made to the vessels and those of them bound to other ports with their cargoes proceeded to their destinations, where those of them now due have arrived safely. The steamers *Lindisfarne* and *Paliki* are still in port undergoing repairs.

I have the honour to be, sir,
Your most obedient servant

DAVID HUNTER,
*Port Warden.*

STATEMENT of Receipts and Expenditure of the Port Warden, Halifax, N.S., from January 1 to December 31, 1900.

| DR. | $ cts. | CR. | $ cts. |
|---|---|---|---|
| To amount of fees received..... ... | 1,714 50 | By paid assistants, office expenses, &c. | 1,289 00 |
| | | Amount reverting to Port Warden. | 425 50 |
| | 1,714 50 | | 1.714 50 |

I hereby certify that the above is a true and correct statement of the receipts and expenditure of the Port Warden at Halifax, N.S., during the year 1900.

DAVID HUNTER,
*Port Warden.*

# APPENDIX No. 32.

## REPORT OF THE PORT WARDEN FOR THE PORT OF NORTH SYDNE FOR THE YEAR ENDED DECEMBER 31, 1900.

PORT WARDEN'S OFFICE,
NORTH SYDNEY, C.B., January 3, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit to you my annual report, which is as follows:-

During the past season I have held surveys on 9 steamships, 1 barque, 9 schoone Of this number three were merely for certificates of seaworthiness; the others had mo or less repairs done here.

| | |
|---|---|
| My total fees received were | $ 152 00 |
| Office rent and expenses | 40 00 |
| Net fees received | $ 112 00 |

I have the honour to be, sir,
Your obedient servant,

ANDREW NISBET,
*Port Warden.*

# APPENDIX No. 33.

## REPORT OF THE PORT WARDEN FOR THE PORT OF PICTOU FOR THE YEAR ENDED DECEMBER 31, 1900.

PORT OF PICTOU, N.S., January 3, 1901.

| | |
|---|---|
| 1 Norwegian barque, one survey | $ 8 00 |
| British s.s. *Minnie*, two " | 36 00 |
| " schooner *Ada*, one " | 8 00 |
| " barque *Assuna*, two " | 36 00 |
| | $88 00 |
| Assistance and sundry expenses at surveys | 48 00 |
| Cash received for the year | $40 00 |

W. C. MUNRO,
*Port Warden.*

# APPENDIX No. 34.

## REPORT OF THE PORT WARDEN OF RIMOUSKI FOR THE YEAR ENDI DECEMBER 31, 1900.

RIMOUSKI, P.Q., January, 1901.

SIR,—I have the honour to inform you that I collected no money whatever a visited no steamers during the year 1900.

ELZÉAR HEPPEL,
*Port Warden.*

# APPENDIX No. 35.

## REPORT OF THE PORT WARDEN FOR THE PORT OF PORT HAWKESBURY FOR THE YEAR ENDED DECEMBER 31, 1900.

PORT HAWKESBURY, December 31, 1900.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit to you my annual report of the doings of this office, accompanied by a statement of the fees collected by me and also the attendant expenses during the past year.

Inclosed please find a list of vessels arriving at this port in a damaged condition on which surveys have been held during the year now closed.

The damaged vessels were all repaired here and arrived safely at ports of destination.

I have the honour to be, sir,
Your obedient servant,

D. W. HENESEY,
*Port Warden.*

STATEMENT of Receipts and Expenses for the year 1900.

| | | |
|---|---|---|
| Two surveys held on schooner *Frances Willard* | $23 00 | |
| " " steamer *Samantha* | 23 00 | |
| One survey held on schooner *Quick Step* | 5 00 | |
| " " schooner *Thorridon* | 5 00 | |
| " " ss. by tug's diver on ss. | Nil. | |
| Two surveys held on barquentine *Hebe* | 13 00 | |
| | | $69 00 |
| Fees paid surveyors— | | |
| Paid William Duff, shipwright | 5 00 | |
| " Captain Henesey | 5 00 | |
| " Captain Philport | 5 00 | |
| | | 15 00 |
| Reverting to Port Warden | | $54 00 |

I do hereby certify that the above is a true statement.

D. W. HENESEY,
*Port Warden.*

# APPENDIX No. 36.

## REPORT OF THE PORT WARDEN FOR PRINCE EDWARD ISLAND FOR THE YEAR ENDED DECEMBER 31, 1900.

PORT WARDEN'S OFFICE,
PRINCE EDWARD ISLAND, December 31, 1900.

To SIR L. H. DAVIES,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report of the business of my office during the past season.

I regret to say that we have had an early close of navigation which prevented some produce from being shipped from the Island.

I am glad to report that there has been no loss of any grain-laden vessels from the Island this season.

I have the honour to be, sir,
Your obedient servant,

H. P. WELSH.

RECEIPTS and Expenditure of the Port Warden's Office, Prince Edward Island, for the year ending December 31, 1900.

| Date. | Receipts. | Amount. | Date. | Expenditure. | Amount. |
|---|---|---|---|---|---|
| 1900. | | $ cts. | 1900. | | cts. |
| | To fees derived from grain-laden vessels | 84 00 | | By Expense of office | 8 00 |
| | Damaged goods | 58 00 | | Commissions to deputies | 33 00 |
| | Survey on hatches | 3 00 | | Balance | 130 00 |
| | Other surveys | 26 00 | | | |
| | | 171 00 | | | 171 00 |

I hereby certify the above to be a correct statement.

H. P. WELSH.

CHARLOTTETOWN, P.E.I., December 31, 1900.

# APPENDIX No. 37.

## REPORT OF THE PORT WARDEN OF YARMOUTH, N.S., FOR THE YEAR ENDED DECEMBER 31, 1900.

YARMOUTH, N.S., December 31, 1900.

Sir L. H. DAVIES, K.C.M.G.,
Minister of Marine and Fisheries.

SIR,—I now forward you my report as Port Warden of Yarmouth, N.S., for the year ending December 31, 1900.

I have been called on five times for survey of hatches, once for certificate of seaworthiness, and twice on vessels arriving in distress.

Net amount of fees was $41.

I remain,
Your obedient servant,

EBEN SCOTT,
*Port Warden.*

# APPENDIX No. 38.

## REPORT OF THE PORT WARDEN AT ST. ANDREWS, N.B., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1900.

| | | | | |
|---|---|---|---|---|
| Jan. 21— | Survey on hatches schooner | | *Hanz* | $ 2 50 |
| Feb. 20— | " | " | *Gypsum Queen* | 2 50 |
| Mar. 2— | " | " | *Adelene* | 2 50 |
| " 12— | " | " | *Wm. Doren* | 1 00 |
| " 23— | " | " | *Walter M. Young* | 2 00 |
| " 28— | " | " | *Ella U. King* | 2 50 |
| June 4— | Survey on pilot boat No. 1 | | | 1 00 |
| | | | | $14 00 |

JOHN WREN,
*Port Warden.*

I hereby certify that this is a true and correct statement of all fees collected at the Port of St. Andrews for the year 1900.

JOHN WREN,
*Port Warden.*

# APPENDIX No. 39.

## REPORT OF THE PORT WARDEN AT CHATHAM, N.B., FOR THE YEAR ENDED DECEMBER 31, 1900.

CHATHAM, N.B., December 31, 1900.

Department of Marine and Fisheries,
Ottawa.

DEAR SIRS,—Inclosed please find copy of the only survey held by me as Port Warden for this port for the season of 1900. The river and harbour are now closed by ice.

Your obedient servant,

W. MUIRHEAD.

PORT OF CHATHAM, N.B., November 15, 1900.

At the request of Ole J. Laading, master of steamship *Bjorgvin*, of Bergen, Norway, 1785 tons register, I, William Muirhead, Port Warden of the Port of Chatham, N.B., J. J. Brown, Master Mariner, and Robert Walls, Pilot Master, proceeded on board said steamship for the purpose of holding a survey on said steamship *Bjorgvin*, she having been in collision with a barque, supposed to be the *Anna Kemp*, off the Pilgrim Rocks, below Quebec, when bound from Montreal to Miramichi. We, said surveyors, found three plates on the port bow dented by said collision and rivets broken and started, and recommend the renewing of all bad or started rivets and the caulking of seams on all sheets started by said collision.

On the 17th inst. we, the above named surveyors, again visited said steamship and found twenty-four (24) rivets renewed and seams caulked and ship making no water. We consider her seaworthy and fit to proceed to her port of destination in Great Britain.

WILLIAM MUIRHEAD,
*Port Warden.*

J. J. BROWN,
*Master Mariner.*

ROBERT WALLS,
*Pilot Master.*

# APPENDIX No. 40.

## REPORT OF THE PORT WARDEN AT HOPEWELL CAPE, N.B., FOR THE YEAR ENDED DECEMBER 31, 1901.

HOPEWELL CAPE, January 3, 1901.

Hon. Minister Marine and Fisheries,
Ottawa.

DEAR SIR,—Although our port has been visited by a much larger amount of tonnage than usual, I am glad to say that not one accident has come under my notice or my services as Port Warden have not being required.

Most respectfully yours.

H. J. BENNETT,
*Port Warden.*

# APPENDIX No. 41.

## REPORT OF THE PORT WARDEN FOR ANNAPOLIS, N.S., FOR THE YEAR ENDED DECEMBER 31, 1900.

ANNAPOLIS, N.S., December 31, 1900.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries.
Ottawa.

SIR,—I have the honour to submit my report for the year ending December 31, 1900, accompanied by a statement of receipts and expenditure during that period.

September 11.—Held survey on Norwegian barque *Ingolf* as she lay stranded on flats; recommended cargo to be discharged; vessel laid on blocks for further survey.

September 28.—I held second on barque *Ingolf;* after a careful examination of vessel inside and outside found she could not be made seaworthy; condemned the vessel to be sold for the best interest of all concerned.

October 14.—Norwegian barque *Ingolf* sold at auction to E. Lumtalum, of St. John, for $920; vessel now lies on her side at Acadia pier.

October 8.—Held a survey on ss. *Loughrigg Holmes*, of Mayport, England; broke her moorings when loading cargo at Acadia pier; after part of keel grounded on flats. After an examination of steamer found her tight; gave her a certificate of seaworthiness.

December 3.—Held survey on Br. ss. *Louisiana;* broke her moorings when loading cargo at Acadia pier; she touched after part of keel on flats. After a careful examination of steamer found her tight; gave her a certificate of seaworthiness.

December 11.—Held a second survey on Br. ss. *Louisiana* as she lay at anchor. The said steamer in coming up the river from her anchorage to the Acadia pier to finish loading cargo was struck by heavy ebb tide, forced on north side of port, and struck propeller on rock. For damage to propeller please see diver's report attached. After a careful examination of steamer found her tight, and in our opinion seaworthy. We recommend steamer on arriving at her port of destination to be placed in dry dock for examination of bottom, damaged propeller to be taken off and replaced with new, and the vessel placed in as good and efficient repair as she was before the accident occurred.

| | |
|---|---|
| Fees collected | $70 00 |
| Paid for assistant | 30 00 |
| Net revenue | $40 00 |

I have the honour to be, sir,
Your obedient servant,

SIMON W. RILEY,
*Port Warden.*

ANNAPOLIS, N.S., December 9, 1900.

At the request of Capt. John Kelly, master of ss. *Louisiana*, I proceeded from Halifax, N.S., to the Port of Annapolis to examine the propeller and bottom of ss. *Louisiana*, vessel having been aground. On Sunday the 9th inst. I went down at slack tide in the morning and examined propeller; found one blade broken off and about six inches of tip of another; examined stern post and rudder and found them in good order; I went down again at slack tide, repeated examination of propeller, and found as above reported, and found ship's bottom as far as I could see in good order and condition.

Steamer did not ground on flats.

# APPENDIX No. 42.

## REPORT OF THE PORT WARDEN FOR WHITNEY PIER, C.B., FOR TE YEAR ENDED DECEMBER 31, 1900.

WHITNEY PIER, C.B., January 3, 1901.

To SIR L. H. DAVIES, K.C.M.G.,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of forwarding the following report of proceedings of tl office during the year.

Surveys have been held on 59 steamers and fees collected as follows :—

| | |
|---|---|
| Survey on hull seaworthiness | $ 472 00 |
| Office rent and expenses | 60 00 |
| | $ 412 00 |

The offices discharged were of the usual description.

I have the honour to be, sir,
Your obedient servant,

JAMES CORLIN,
*Port Warden.*

# APPENDIX No. 43.

## REPORT OF THE PORT WARDEN FOR VANCOUVER, B.C., FOR THE YEAR ENDED DECEMBER 31, 1900.

VANCOUVER, B.C., January 4, 1901.

To SIR L. H. DAVIES, K.C.M.G.,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of submitting to you my annual report as Port Warden of the port of Vancouver, B.C., for the year ending on December 31, 1900.

Amount of fees received for the surveys of hulls, hatches and cargoes, $272.00.

I have the honour to be, sir,
Your obedient servant,

MALCOLM McLEOD.
*Port Warden.*

# APPENDIX No. 44.

## REPORT OF THE PORT WARDEN FOR VICTORIA, B.C., FOR THE YEAR ENDED DECEMBER 31, 1900.

VICTORIA, B.C., January 4, 1901.

The Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of submitting my annual report as Port Warden for the port of Victoria and Esquimalt, B.C., for the year ending on December 31, 1900.

| | |
|---|---|
| Amount of fees received for surveys on the hatches of 43 vessels | $ 215 00 |
| Amount received for surveys on cargoes, hulls, &c | 467 50 |
| Total fees received | $ 682 50 |

I have the honour to be, sir,
Your obedient servant,

CHAS. E. CLARKE.
*Port Warden.*

# APPENDIX No. 45.

## HARBOUR MASTERS.

TABLE showing the names of Ports proclaimed under certain Dominion Acts, the provisions of which are found in Chapter 86, Revised Statutes of Canada, for the appointment of harbour masters; the dates of proclamation; the names of the harbour masters appointed; the dates of the appointment of harbour masters; the amount which each of their salaries is not to exceed; the amount of fees collected by each of them during the calender year ended December 31, 1900, and the overplus, if any, paid in to the credit of the Receiver General.

### PROVINCE OF ONTARIO.

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1900. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Collingwood | Mar. 3, '77 | Andrew Lockerbie | Mar. 3, '77 | 200 00 | 74 00 | ..... |
| Depôt Harbour | June 15, '98 | J. F. Pratt | June 15, '98 | 200 00 | 80 00 | ..... |
| Fort William | July 7, '91 | Thos. E. Oakley | May 21, '97 | 400 00 | 54 00 | ..... |
| French River | June 20, '93 | E. Borron, jun | June 20, '93 | 200 00 | 22 50 | ..... |
| Goderich | April 28, '76 | William Marlton | May 8, '94 | 300 00 | 24 50 | ..... |
| Midland | July 22, '82 | John White | July 13, '97 | 200 00 | 92 50 | ..... |
| Parry Sound | Mar. 24, '83 | John Purvis | Oct. 9, '00 | 200 00 | ..... | ..... |
| Penetanguishene | Feb. 2, '77 | Francis Dusome | June 3, '81 | 200 00 | 32 00 | ..... |
| Port Arthur | May 12, '84 | B. Guerard | May 21, '97 | 200 00 | ..... | ..... |
| Port Stanley | Jan. 15, '98 | Frank E. Shepherd | Jan. 15, '98 | 200 00 | ..... | ..... |
| Rondeau | " 4, '78 | W. R. Fellowes | Dec. 17, '88 | 100 00 | 16 00 | ..... |
| Southampton | Sept. 23, '75 | W. H. Johnston | Oct. —, '82 | 100 00 | 61 50 | ..... |
| Sarnia | July 25, '85 | Robert McAdam | May 3, '86 | 300 00 | ..... | ..... |

### PROVINCE OF QUEBEC.

| | | | | | | |
|---|---|---|---|---|---|---|
| Amherst | Sept. 14, '78 | John Cassidy | Sept. 2, '78 | 200 00 | 14 00 | ..... |
| Jeremie | July 31, '91 | Earl D. Chase | July 31, '91 | 200 00 | ..... | ..... |
| Carleton | Dec. 8, '81 | Joseph E. Cullen | Mar. 30, '96 | 200 00 | ..... | ..... |
| Chicoutimi | June 17, '85 | Ainsworth Sturton | June 8, '86 | 200 00 | ..... | ..... |
| Grand Entry | Feb. 19, '92 | Hugh Clarke | Dec. 8, '98 | 200 00 | ..... | ..... |
| Grand River | June 19, '00 | Geo. Beaudin | April 3, '00 | 100 00 | ..... | ..... |
| Gaspé | Sept. 25, '74 | Francis G. Eden | " 3, '89 | 500 00 | ..... | ..... |
| House Harbour | Aug. 9, '87 | C. Lafrance | Dec. 10, '96 | 200 00 | 7 00 | ..... |
| Machine | April 19, '80 | ..... | ..... | ..... | ..... | ..... |
| Matane | Oct. 19, '77 | L. J. Levasseur | Dec. 12, '96 | 200 00 | 48 50 | ..... |
| Métis | Feb. 7, '78 | J. H. Ferguson | Mar. 10, '96 | 200 00 | 42 00 | ..... |
| New Carlisle | " 25, '89 | John C. Hall | Jan. 17, '95 | 200 00 | 5 00 | ..... |
| New Richmond | April 15, '82 | Henry Leblanc | April 3, '82 | 200 00 | 46 00 | ..... |
| Oak Bay | Mar. 27, '80 | Jas. D. Sowerby | Mar. 22, '80 | 200 00 | ..... | ..... |
| Paspebiac | May 22, '77 | W. L. Kempffer | Sept. 21, '00 | 150 00 | 5 00 | ..... |
| Port Daniel | Mar. 25, '89 | J. Enright | " 11, '90 | 200 00 | 9 50 | ..... |
| Rimouski | " 5, '77 | A. P. St. Laurent | May 13, '96 | 200 00 | 15 00 | ..... |
| Rivière Ouelle | July 22, '82 | ..... | ..... | 100 00 | ..... | ..... |
| Rivière du Loup | June 19, '00 | P. E. Tremblay | June 19, '00 | 100 00 | 40 00 | ..... |
| St. Thomas | Jan. 2, '86 | L. Dionne | Oct. 22, '96 | 200 00 | 22 00 | ..... |
| St. Johns | Within the Harbour of Montreal. | G. H. Farrar | Mar. 20, '97 | 500 00 | 629 50 | 129 50 |
| Sorel | | Pierre Guevremont | May 20, '90 | 300 00 | 298 50 | ..... |
| Trois Pistoles | Mar. 28, '98 | Edouard T. Pettigrew | April 11, '99 | 100 00 | 18 00 | ..... |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF NEW BRUNSWICK.

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1900. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Alma | May 2, '98 | Gideon W. Parsons | May 2, '98 | 100 00 | 39 00 | ..... |
| Bathurst | " 30, '73 | M. T. Daley | April 21, '96 | 200 00 | 78 00 | ... |
| Black's Harbour and Beaver Harbour | Sept. 22, '83 | E. W. Cross | Sept. 17, '83 | 100 00 | 17 50 | .... |
| Buctouche | May 30, '73 | H. Hutchinson | April 17, '97 | 100 00 | 6 50 | .... |
| Campbellton | " 30, '73 | A. J. Venner | " 12, '93 | 200 00 | 115 00 | ..... |
| Campobello | " 30, '73 | W. E. Sulis | Dec. 16, '92 | 100 00 | Nil. | .... |
| Cape Tormentine | " —, '95 | John W. Tucker | May 7, '95 | 200 00 | 73 00 | ... .. |
| Caraquet | " 30, '73 | Louis Poirier | April 17, '83 | 150 00 | 6 50 | .... |
| Chatham | " 30, '73 | R. J. Walls | " 13, '98 | 300 00 | 267 00 | ... |
| Cocagne | " 30, '73 | H. Bourgeois | Mar. 12, '97 | 100 00 | ..... | . ... |
| Dalhousie | " 30, '73 | W. S. Smith | " 19, '88 | 200 00 | 201 00 | ..... |
| Dorchester | " 30, '73 | James Shea | Oct. 25, '00 | 200 00 | ..... | ..... |
| Fredericton | " 30, '73 | Vacant | ..... | ..... | ..... | ..... |
| Grand Manan, North | Aug. 22, '89 | Newton L. Thomas | Oct. 9, '00 | 100 00 | ..... | ..... |
| Grand Manan, South | " 22, '89 | Abel Wilcox | Aug. 22, '89 | 100 00 | 4 50 | ..... |
| Gull Rock Channel | Jan. 14, '98 | Wm. L. Kent | Jan. 14, '98 | 100 00 | Nil. | ..... |
| Great Shemogue | May 17, '75 | Vacant | ..... | 100 00 | ..... | ..... |
| Harvey | " 30, '73 | Jas. E. Bishop | June 22, '97 | 100 00 | 63 00 | .... |
| Heron Channel | July 15, '97 | Duncan Robertson | July 15, '97 | 200 00 | 42 00 | ... . |
| Hillsborough | May 30, '73 | John O'Shaughnessy | April 13, '98 | 100 00 | 133 00 | ..... |
| Hopewell Cape | Aug. 25, '91 | John H. Christopher | June 26, '99 | 200 00 | 59 00 | .... . |
| Ledge of St. Stephens | May 30, '73 | W. McBean | " 12, '94 | 100 00 | ..... | . .. |
| Letete, &c | Sept. 22, '83 | Jacob Cook | Nov. 26, '97 | 100 00 | 3 00 | ..... |
| Little Shippegan and Miscou Gully | May 1, '86 | Donald Harper | April 19, '86 | 100 00 | ..... | . |
| Little Shemogue | Sept. 5, '88 | Vacant | ..... | 100 00 | ..... | ..... |
| Moncton | May 30, '73 | E. P. Cook | April 11, '95 | 200 00 | ..... | ..... |
| Musquash | Mar. 26, 74 | J. McNulty | Sept. 28, '96 | 100 00 | 13 00 | ..... |
| Newcastle | May 30, '73 | John Niven. | July 7, '73 | 300 00 | 169 00 | ..... |
| North Joggins | " 30, '73 | Vacant | ..... | ..... | ..... | . ... |
| Port Elgin and Baie Verte | Feb. 6, '73 | R. Anderson | June 2, '93 | 200 00 | .... ... | ... |
| Pokemouche | July 7, '83 | Alfred Blanchard | Mar. 7, '99 | 100 00 | ..... | ..... |
| Richibucto | May 30, '73 | James Alexander Jardine | May 11, '74 | 200 00 | 57 50 | ..... |
| Rockland | " 30, '73 | Vacant | ..... | ..... | ..... | ..... |
| Sackville | " 30, '73 | John A. Bowser | Aug. 8, '98 | 200 00 | ..... | ..... |
| St. Andrew's | " 30, '73 | John Wren | May 6, '84 | 100 00 | 59 00 | ..... |
| St. George | " 30, '73 | Geo. W. McKenzie | " 10, '00 | 100 00 | 5 00 | ..... |
| St. Martin and Quaco | " 14, '74 | Joseph Carson | " 14, '74 | 100 00 | 5 00 | ..... |
| Shediac | " 30, '73 | Alexander McQueen | " 19, '76 | 300 00 | 87 00 | ..... |
| Shippegan | " 30, '73 | John DeGrace | Aug. 10, '80 | 100 00 | 6 00 | ..... |
| Tracadie | " 7, '74 | Theodore Savoy | Sept. 23, '99 | 100 00 | 7 50 | .. .. |
| Waterside | Sept. 3, '89 | Wm. Riley Copp | " 3, '89 | 100 00 | ..... | ... .. |
| West Isles | Feb. 4, '79 | Thos. K. Parker | Feb. 4, '79 | 200 00 | ..... | ..... |

PROVINCE OF NOVA SCOTIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| Advocate | May 15, '80 | Wm. Mills | Mar. 17, '99 | 100 00 | 18 00 | ..... |
| Annapolis | Mar. 12, '75 | John Lindgren | July 7, '98 | 200 00 | 115 00 | ..... |
| Apple River | Aug. 14, '86 | Robt. D. Field | Sept. 9, '90 | 200 00 | 15 50 | ..... |
| Arichat | April 22, '79 | C. P. Terrio | ..... | 200 00 | 18 50 | .... |
| Baddeck | Sept. 23, '75 | Alex. McAulay | Dec. 10, '90 | 100 00 | ..... | ..... |
| Barrington | July 10, '82 | B. Kenney | July 6, '93 | 200 00 | 24 50 | ..... |
| Bayfield | " 11, '79 | John McDonald | " 11, '79 | 200 00 | Nil. | .... . |
| Bay St. Lawrence | April 21, '87 | G. Zwicker | April 21, '87 | 200 00 | ..... | ..... |
| Bear River | Sept. 25, '74 | Wm. McFadden | Sept. 27, '97 | 100 00 | 36 50 | .... |
| Beaver Harbour | July 24, '80 | Henry Hawboldt | " 22, '88 | 100 00 | 2 50 | . .... |
| Big Harbour | June 9, '83 | Donald McKenzie | May 28, '83 | 100 00 | ..... | ... .. |

LE showing the names of Ports proclaimed under the Dominion Act, &c.—*Con.*

PROVINCE OF NOVA SCOTIA—*Continued.*

| ame of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1900. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| oise River | May 1, '86 | E. C. Bouchie | April 19, '86 | 100 00 | 13 00 | ..... |
| water | " 6, '74 | William Oakes | Jan. 28, '96 | 100 00 | 82 00 | ..... |
| Or, including New bellton | " 6, '74 | Wm. Livingstone | Feb. 13, '94 | 200 00 | ..... | ..... |
| anso | June 6, '76 | William A. H. Oliver | Mar. 2, '99 | 100 00 | 143 50 | ..... |
| Negro or North Harbour | May 18, '81 | A. D. Perry | May 18, '81 | 200 00 | 16 50 | ..... |
| | Sept. 8, '83 | A. C. Corkum | July 8, '96 | 100 00 | 15 00 | ..... |
| mp. | April 20, '76 | Fulgence Aucoin | April 15, '76 | 100 00 | ..... | ..... |
| Harbour | June 1, '81 | J. B. Brannen | June 1, '81 | 200 00 | 8 50 | ..... |
| tsport | May 1, '77 | J. M. LeCain | Oct. 18, '98 | 150 00 | 8 00 | ..... |
| Line to Grand owe | June 9, '83 | Vacant | ..... | ..... | ..... | ..... |
| Harbour | Sept. 30, '88 | A. Ehler | Aug. 30, '97 | 100 00 | ..... | ..... |
| usse | Jan. 23, '85 | Arthur Pertus | March 6, '90 | 100 00 | 30 00 | ..... |
| | Feb. 19, '78 | Israel Hersey | May 23, '97 | 200 00 | 65 00 | ..... |
| ay | Aug. 25, '83 | Donald McInnis | April 5, '86 | 100 00 | ..... | ..... |
| ie | May 22, '89 | Neil MacLean | May 22, '89 | 100 00 | 1 00 | ..... |
| use | March 3, '68 | John Wm. Hardy | Nov. 2, '86 | 100 00 | ..... | ..... |
| v and Cape Breier, Sydney | Oct. 30, '80 | Angus McQuarrie | Oct. 30, '80 | 300 00 | 54 50 | ..... |
| rough | Jan. 15, '89 | Abram Bigsby | July 27, '00 | 100 00 | ..... | ..... |
| | No proclamation required by Act | J. E. Butler | Sept. 21, '93 | 1,800 00 | 1,876 50 | 76 50 |
| ort | June 27, '84 | Edward Davison | June 7, '84 | 225 00 | 164 50 | ..... |
| h, North Bay of | Mar. 22, '81 | William Thomson | Mar. 24, '81 | 200 00 | ..... | ..... |
| South " | Oct. 9, '84 | John J. Donovan | Dec. 26, '98 | 100 00 | ..... | ..... |
| tional Pier, Sydney | " 30, '80 | Michael J. Neville | Oct. 30, '80 | 300 00 | 464 00 | 164 00 |
| Harbour | " 30, '89 | Thomas W. Cook | June 19, '00 | 100 00 | 1 00 | ..... |
| | Sept. 20, '90 | Wm. Jennox | Sept. 20, '90 | 100 00 | 6 50 | ..... |
| Bay | Oct. 25, '76 | M. D. McKenzie | Oct. 25, '76 | 150 00 | ..... | ..... |
| ove | Feb. 17, '99 | Jos. B. Huskins | Feb. 17, '99 | 100 00 | ..... | ..... |
| or Getson's Cove | Mar. 12, '75 | George Henry Zwicker | Feb. 25, '75 | 300 00 | 24 75 | ..... |
| se, Upper and r | Aug. 22, '84 | George Burke | Aug. 20, '84 | 100 00 | 2 00 | ..... |
| | July 12, '81 | Thomas Laffin | July 12, '81 | 200 00 | ..... | ..... |
| | May 18, '81 | Lewis Wilson | Feb. 20, '00 | 200 00 | 34 00 | ..... |
| Bras d'Or Lake en McKay's and Grand Narrows | April 25, '84 | Daniel Campbell | April 17, '99 | 100 00 | ..... | ..... |
| Bras d'Or Lake McKay's Point to adebuck Rivers | " 25, '84 | Alex. J. McNeil | " 25, '84 | 100 00 | ..... | ..... |
| lace Bay | Aug. 3, '74 | E. Douglas Rigby | May 8, '84 | 200 00 | 10 00 | ..... |
| arrows and Cran Point | June 9, '83 | K. McLennan | Nov. 1, '97 | 100 00 | 1 00 | ..... |
| ol | Jan. 19, '77 | Isaac V. Dexter | Oct. 7, '99 | 200 00 | 99 50 | ..... |
| ort | May 18, '81 | E. A. Capstick | May 18, '81 | 200 00 | ..... | ..... |
| rg | Mar. 17, '79 | H. C. V. Lavatte | Oct. 13, '98 | 200 00 | ..... | ..... |
| urg | Dec. 3, '75 | John Loye | Dec. 10, '96 | 150 00 | 147 50 | ..... |
| | June 23, '80 | John McInnes | July 11, '00 | 100 00 | 0 50 | ..... |
| Bay | May 16, '87 | Lewis Knaut | Feb. 3, '98 | 200 00 | ..... | ..... |
| 's Cove | Mar. 12, '75 | Ronald McEachen | Mar. 8, '75 | 150 00 | ..... | ..... |
| Dieu | July 31, '86 | Vacant | ..... | ..... | ..... | ..... |
| Mountain | May 26, '92 | D. McDonald | July 26, '92 | 200 00 | 1 50 | ..... |
| etsville | Mar. 26, '78 | Robert Early | Mar. 26, '78 | 100 00 | ..... | ..... |
| et's Bay | July 16, '75 | Peter Francis Boutillier | July 7, '75 | 100 00 | 19 00 | ..... |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—(

PROVINCE OF NOVA SCOTIA—*Concluded.*

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1900. |
|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. |
| Margaree | June 12, '86 | Nicolas Deagle | Feb. 27, '93 | 100 00 | ..... |
| Marie Joseph | Jan. —, '95 | John Davis | Jan. 23, '95 | 100 00 | ..... |
| Middle South Island | April —, '96 | S. Wynacht | April 1, '96 | 100 00 | ..... |
| Merigomish | Mar. 26, '78 | D. McGregor | Mar. 22, '93 | 100 00 | 2 80 |
| Meteghan Harbour | June 8, '97 | B. F. Robichaud | June 8, '97 | 100 00 | 7 00 |
| Meteghan River | Feb. 10, '88 | L. A. Comeau | " 1, '97 | 100 00 | 10 00 |
| Musquodoboit | May 19, '82 | David Williams | May 19, '82 | 100 00 | 7 00 |
| New Haven | June 9, '83 | H. A. McLeod | Aug. 17, '89 | 100 00 | ..... |
| Neil's Harbour | " 9, '83 | A. Hayman | May 28, '83 | 100 00 | ..... |
| Northport | " 27, '82 | John M. Burne | June 27, '82 | 100 00 | 33 50 |
| North-west Cove, Coleman's Cove and Aspotogan Harbour | Dec. 22, '76 | P. Boutillier | June 30, '92 | 200 00 | ..... |
| Parrsborough | Oct. 22, '73 | Edward Walter Beaty | Oct. 22, '73 | 300 00 | 164 00 |
| Petit de Grat | June 5, '95 | S. Boudrot | June 5, '95 | 200 00 | 2 50 |
| Petite Rivière Bridge | July 7, '83 | John Nelson Parks | April 27, '88 | 100 00 | ..... |
| Plaster Harbour | May 6, '74 | Vacant | ..... | ..... | ..... |
| Port George | " 1, '77 | Charles B. Weaver | May 1, '77 | 150 00 | ..... |
| Port Greville | Mar. 13, '80 | Wm. Cochrane | Oct. 26, '98 | 200 00 | 28 00 |
| Port Hawkesbury | July 16, '75 | Daniel Henesey | July 9, '75 | 200 00 | 116 00 |
| Port Hood | " 16, '75 | John H. Murphy | " 9, '75 | 200 00 | 1 00 |
| Port la Tour | April 14, '81 | Wm. Sholds | Feb. 15, '98 | 200 00 | 3 00 |
| Port Lorne | Mar. 27, '86 | Freeman Beardsley | June 9, '97 | 200 00 | 4 00 |
| Port Maitland | May 26, '85 | Josiah Ellis | Dec. 10, '96 | 200 00 | ..... |
| Port Morien | Mar. 3, '79 | Hector McDonald | Mar. 3, '79 | 400 00 | 13 00 |
| Port Mulgrave | " 8, '76 | David Murray | Oct. 12, '92 | 200 00 | 46 50 |
| Port Medway | June 25, '79 | S. Manthorn | Feb. 2, '99 | 200 00 | ..... |
| Pubnico | Sept. 27, '82 | D. Q. Amireau | Sept. 27, '82 | 100 00 | 52 50 |
| Pugwash | Oct. 22, '93 | C. T. De Wolfe | May 6, '95 | 100 00 | 93 00 |
| Ritcey's Cove | Sept. 26, '84 | J. B. Ritcey | April 21, '96 | 100 00 | 27 50 |
| River John | Mar. 26, '78 | H. Campbell | June 11, '91 | 100 00 | ..... |
| St. Ann's | April 20, '81 | George Fader | Dec. 29, '00 | 200 00 | 8 50 |
| St. Mary's River | May 18, '81 | Wm. Pride | " 20, '93 | 200 00 | 8 50 |
| St. Peter's | Jan. 24, '81 | Peter McNeil | Sept. 17, '83 | 200 00 | Nil. |
| Sambro | Dec. 27, '79 | Ben Smith | May 27, '90 | 200 00 | 19 50 |
| Sheet Harbour | May 14, '74 | H. Hall | April 13, '98 | 200 00 | ..... |
| Shelburne | Aug. 27, '77 | John C. Morrison | May 4, '97 | 200 00 | 164 00 |
| Ship Harbour | June 2, '84 | Conrad Marks | June 2, '84 | 100 00 | 42 00 |
| Smith's Mountain, St. Ann's | " 8, '83 | Geo. E. Fader | April 11, '98 | 100 00 | ..... |
| Spencer's Island | May 22, '99 | Baxter McLellan | May 22, '99 | 100 00 | ..... |
| Sydney | ..... | Angus McQuarrie | ..... | ..... | 54 50 |
| Tatamagouche | Feb. 27, '78 | W. McKenzie | Mar. 29, '93 | 200 00 | ..... |
| Tidnish | July 5, '82 | Charles R. Fields | June 30, '84 | 100 00 | 15 50 |
| Tiverton | April 13, '00 | Joel Blackford | April 3, '00 | 100 00 | ..... |
| Torbay and Whitehaven | May 18, '81 | Andrew Haley | Dec. 10, '97 | 200 00 | ..... |
| Tusket | Mar. 18, '75 | Charles W. Hatfield, | Mar. 7, '87 | 100 00 | ..... |
| Tusket Wedge | Dec. 19, '99 | Hilaire LeBlanc | Dec. 19, '99 | 100 00 | ..... |
| Victoria Pier, South Bar, Sydney | July 25, '84 | Ernest Richardson | Nov. 1, '97 | 200 00 | ..... |
| Wallace | Oct. 22, '73 | Jas. D. Patton | Feb. 14, '96 | 100 00 | ..... |
| West Arichat | Aug. 20, '90 | A. B. Poirier | Oct. 7, '96 | 100 00 | 15 50 |
| West Bay | May 8, '84 | John McInnes | May 9, '84 | 100 00 | 2 00 |
| West Port | Mar. 8, '87 | Geo. Welsh | Jan. 29, '98 | 200 00 | 42 50 |
| Weymouth | May —, '94 | R. Payson | May 29, '97 | 200 00 | ..... |
| Whycocomagh | Oct. 29, '75 | Neil McKinnon | Oct. 8, '75 | 100 00 | ..... |
| Wood's Harbour | Feb. 19, '92 | S. K. Woods | July 19, '92 | 200 00 | ..... |
| Yarmouth | Mar. 18, '75 | Ebenezer Scott | Oct. 19, '77 | 250 00 | 236 50 |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF PRINCE EDWARD ISLAND.

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1900. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Alberton | July 15, '74 | John McKay | May 11, '97 | 200 00 | 10 00 | |
| Bay Fortune | April 10, '75 | John R. Coffin | April 29, '78 | 200 00 | | |
| Brudenell | July 25, '85 | Vacant | | 200 00 | | |
| Cape Traverse | May 23, '84 | Vacant | | 100 00 | | |
| Cardigan River, including Cardigan Bridge | July 2, '78 | Hercules McDonald | July 2, '78 | 200 00 | | |
| Cardigan River, from head of river to north bank Mitchell River | May 16, '78 | D. Stewart | May 7, '97 | 100 00 | | |
| Cove Head | " 15, '80 | James D. McMillan | " 15, '80 | 100 00 | | |
| Charlottetown and Hillsboro River | July 15, '74 | David Small | Feb. 19, '77 | 400 00 | 90 50 | |
| Crapaud | " 15, '74 | Wesley Myers | June 17, '74 | 200 00 | 6 00 | |
| Egmont | " 15, '74 | George Bollum | Nov. 3, '85 | 200 00 | | |
| Georgetown | " 15, '74 | Samuel Hemphill | Dec. 1, '87 | 200 00 | 38 00 | |
| Grand River | April 10, '75 | Wm. Chas. Jenkins | May 4, '97 | 200 00 | | |
| Grand River, down to and including Poplar Point and Chapel Wharf | May 16, '78 | Vacant | | 200 00 | | |
| Malpeque | July 10, '74 | J. Champion | Dec. 10, '96 | 200 00 | | |
| Mimingash | April 17, 80 | Jno. McCormick | May 1, '99 | 100 00 | | |
| Montague Bridge | " 7, '97 | Welton Porter | April 7, '97 | 200 00 | 15 00 | |
| Murray Harbour | June 17, '74 | Wm. Miller | June 17, '74 | 200 00 | 4 00 | |
| Murray River | May 16, '78 | Geo. McLeod | Feb. 9, '97 | 200 00 | 6 50 | |
| New London | July 15, '74 | Wm. Bell | Aug. 25, '96 | 200 00 | 3 00 | |
| Pinette | " 15, '74 | Daniel McAulay | Dec. 18, '97 | 200 00 | | |
| Port Hill | " 15, '74 | W. C. Brown | June 20, '98 | 200 00 | 2 50 | |
| Pownal | " 10, '79 | Michael Haley | Mar. 30, '97 | 100 00 | | |
| Rollo Bay | April 10, '75 | Vacant | | 200 00 | | |
| Rustico | May 17, '75 | Felix Buote | March 1, '97 | 200 00 | 1 50 | |
| St. Peter's Bay | April 10, '75 | Albert Anderson | Oct. 16, '98 | 200 00 | | |
| Souris East and West | " 10, '75 | Wm. McDonald | Sept. 21, '99 | 200 00 | 29 50 | |
| Summerside | July 15, '74 | Wm. Stymest | Oct, 20, '97 | 200 00 | 65 50 | |
| Tignish | April 22, '90 | Vacant | | | | |
| Tracadie | May 17, '75 | Donald Campbell | Aug. 27, '95 | 200 00 | | |
| Tryon | April 12, '77 | Vacant | | 200 00 | | |
| Vernon River Bridge | May 19, '74 | John Finlay | Oct. 9, '84 | 200 00 | | |
| West River | " 17, '75 | Vacant | | 200 00 | | |
| Wood Island | " 22, '99 | | May 22, '99 | 100 00 | 11 00 | |

PROVINCE OF BRITISH COLUMBIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| Chemainus | March '97 | Lewis G. Hill | March 2, '97 | 200 00 | 401 50 | 201 50 |
| Comox | April '96 | Geo. H. Rowe | April 25, '97 | 200 00 | 170 00 | |
| Nanaimo and Departure Bay | " 10, '75 | Harry Cooper | Feb. 25, '97 | 500 00 | 93 50 | |
| New Westminster | Jan. 23, '80 | P. T. Powers | " 13, '99 | 400 00 | 74 00 | |
| Quadra | April 17, '77 | Vacant | | 300 00 | | |
| Vancouver, including Burrard Inlet | Feb. 22, '88 | Malcolm McLeod | Jan. 14, '97 | 600 00 | 545 50 | |
| Victoria and Esquimalt | Mar. 20, '75 | C. E. Clarke | Nov. 3, '94 | 600 00 | 636 50 | 36 50 |

F. GOURDEAU,
*Deputy Minister of Marine and Fisheries.*

# APPENDIX No. 46.

STATEMENT showing the results of certain returns respecting Shipping and Discharging of Seamen, received by the Department of Marine and Fisheries, in accordance with the provisions of Chapter 74, Consolidated Statutes of Canada, from Shipping Masters throughout the Dominion, for the half-years ended June 30 and December 31, 1900.

NOTE.—Names printed in italics are Shipping Masters appointed under the Act, the others the Collectors of Customs who act as Shipping Masters.

## QUEBEC.

| Name of Port. | Name of County. | Name of Shipping Master. | For half-year ended June 30, 1900. | | | For half-year ended December 31, 1900. | | | Total. Seamen Shipped. | Total. Seamen Discharged. | Total. Amount. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Seamen Shipped. | Seamen Discharged. | Amount. | Seamen Shipped. | Seamen Discharged. | Amount. | | | |
| | | | | | $ cts. | | | $ cts. | | | $ cts. |
| Escoumains | Bonaventure | John Topping | | | | | | | | | |
| Gaspé | Gaspé | *F. G. Eden* | | | | | | | | | |
| Magdalen Islands | " | P. L. Joncas | | | | | | | | | |
| Montreal | Montreal | *Wm. Cunningham* | 1,387 | 587 | 869 60 | | | | | | 869 60 |
| New Richmond | Bonaventure | R. W. H. Dimock | | | | | | | | | |
| Paspebiac | " | P. C. Beauchesne | 4 | 1 | 2 30 | 15 | 12 | 11 10 | 19 | 13 | 13 40 |
| Percé | Gaspé | W. Flynn | | | | | Nil. | | | | |
| Quebec | Quebec | *J. U. Gregory* | 114 | 40 | 69 00 | 89 | 140 | 86 50 | 203 | 180 | 155 50 |
| Rimouski | Rimouski | J. A. Martin | | | | | | | | | |
| St. Johns | St. Johns | H. W. Wood | | | | | | | | | |
| Sorel | Richelieu | Joseph Mathieu | | | | | | | | | |
| Three Rivers | Three Rivers | P. B. Vanasse | | | | | | | | | |

## NEW BRUNSWICK.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Alma | Albert | D. Cleveland | | | | | | | | | |
| Bathurst | Gloucester | John E. Baldwin | | | | | | | | | |
| Buctouche | Kent | J. J. LeBlanc | | | | | | | | | |
| Chatham | Northumberland | *J. J. Brown* | 30 | 10 | 18 00 | 98 | 21 | 55 30 | 128 | 31 | 73 30 |
| Cocagne | Kent | A. K. Dysart | | | | | | | | | |
| Dalhousie | Restigouche | W. Montgomery | | | | | | | | | |
| Dorchester | Westmoreland | Walter Dobson | | | | | | | | | |
| Fredericton | York | A. F. Street | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Grand Manan | Charlotte | *E. A. Calder* | | | | | | | | | |
| Grand Harbour | " | *D. J. W. McLaughlin* | | | | | | | | | |
| Harvey | Albert | *G. Brewster* | 1 | 2 | 1 10 | | | | 1 | 2 | 1 10 |
| Hillsborough | " | John Wallace | | | | | | | | | |
| Lepreaux | Charlotte | J. E. Haggerty | 4 | | 2 00 | | 4 | 1 29 | 4 | 4 | 3 20 |
| Moncton | Westmoreland | J. W. Binney | | | | | | | | | |
| Musquash | St. John | A. T. Dunn | | | | | | | | | |
| New Brandon | Gloucester | F. J. Foley | | | | | | | | | |
| Newcastle | Northumberland | *J. Niven* | | | | | | | | | |
| North Joggins | Westmoreland | Rufus C. Ward | | | | | | | | | |
| Quaco | St. John | J. Carson | | | | | | | | | |
| Richibucto | Kent | B. V. Johnson | | | | | | | | | |
| Rockland | Westmoreland | A. Boudreau | | | | | | | | | |
| Rockport | " | R. C. Ward | | | | | | | | | |
| Sackville | " | W. C. Milner | | | | | | | | | |
| St. Andrews | Charlotte | | | | | | | | | | |
| St. George | " | James McKay | | | | | | | | | |
| St. John | St. John | *W. H. Purdy* | 1,595 | 700 | 1,007 50 | 1,086 | 769 | 773 70 | 2,681 | 1,469 | 1,781 20 |
| St. Stephen | Charlotte | H. Graham | | Nil. | | Nil. | Nil. | Nil. | Nil. | Nil. | Nil. |
| Shediac | Westmoreland | W. R. Wood | | | | | | | | | |
| Shippegan | Gloucester | Henry A. Sormany | | | | | | | | | |

NOVA SCOTIA.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Advocate | Cumberland | Wm. Moore | 4 | 5 | 3 50 | 19 | 14 | 12 70 | 23 | 19 | 16 20 |
| Amherst | " | W. D. Main | | | | | | | | | |
| Annapolis | Annapolis | E. McCormick | | | | | | | | | |
| Antigonish | Antigonish | A. Boyd | | Nil. | | | Nil. | | | | |
| Apple River | Cumberland | H. H. Mosher | | | | | | | | | |
| Arichat | Richmond | *D. O'C. Madden* | | | | | | | | | |
| Aspy Bay | Victoria | D. McDonald | | | | | | | | | |
| Baddeck | " | J. McDonald | | | | | | | | | |
| Barrington | Shelburne | D. Sargent | 2 | 5 | 2 50 | 2 | 5 | 2 25 | 4 | 10 | 4 75 |
| Bayfield | Antigonish | E. E. Randall | | | | | | | | | |
| Beliveau Cove | Digby | E. E. Theriault | 48 | 33 | 33 90 | 25 | 42 | 25 10 | 73 | 75 | 59 00 |
| Bear River | " | *T. H. Millar* | | | | | | | | | |
| Beaver River | Colchester | R. Perry | | | | | | | | | |
| Bridgetown | Annapolis | S. S. Ruggles | | | | | | | | | |
| Bridgewater | Lunenburg | *N. C. Owen* | | | | 54 | 41 | 39 30 | 54 | 41 | 39 30 |
| Canada Creek | King's | S. W. Rawding | | | | | | | | | |
| Canso | Guysborough | Thomas C. Cook | 3 | | 1 50 | 7 | 16 | 8 30 | 10 | 16 | 9 80 |
| Cape Sable Island | Shelburne | *E. Nickerson* | | | | | | | | | |
| Church Point | Digby | Isaac H. LeBlanc | 28 | 10 | 17 00 | 15 | 13 | 11 40 | 43 | 23 | 28 40 |
| Clementsport | Annapolis | Chas. Ditmars | 14 | 7 | 9 10 | 28 | 37 | 25 10 | 42 | 44 | 34 20 |
| Cornwallis (Canning) | King's | E. Rand | | | | | | | | | |
| Canning | " | E. Harris | | | | | | | | | |
| Digby | Digby | J. M. Viet | | | | 9 | 8 | 7 50 | 9 | 8 | 7 50 |
| Freeport | " | A. F. Outhouse | | | | | | | | | |

STATEMENT showing returns respecting shipping and discharging Seamen, &c.—*Continued.*

NOVA SCOTIA—*Concluded.*

| Name of Port. | Name of County. | Name of Shipping Masters. | For Half-year ended June 30, 1900. | | | For Half-year ended December 31, 1900. | | | Total Seamen Shipped. | Total Seamen Discharged. | Total Amount. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Seamen Shipping. | Seamen Discharged. | Amount. | Seamen Shipped. | Seamen Discharged. | Amount. | | | |
| | | | | | $ cts. | | | $ cts. | | | |
| French Cross | King's | J. E. Orpen | | | | | | | | | |
| Great Bras d'Or | Cape Breton | D. Campbell | | | | | | | | | |
| Guysboro' | Guysborough | W. Cameron | | | | | | | | | |
| Halifax | Halifax. | *H. Bligh* | 1,828 | 1,547 | 1,378 10 | 1,650 | 1,474 | 1,261 20 | 3,478 | 3,021 | 2,645 30 |
| Hantsport | Hants | J. W. Lawrence | 5 | 19 | 820 00 | 36 | 44 | 31 20 | 41 | 63 | 39 40 |
| Harbour au Bouche | Antigonish | E. Corbett | | | | | | | | | |
| Harbourville | King's | Chas. E. Morris | 1 | | 0 50 | | | | 1 | | 0 50 |
| Isaac Harbour | Guysborough | J. D. Griffin | | | | | | | | | |
| Joggins | Cumberland | J. Moffat | | | | | | | | | |
| Jordan Bay | Shelburne | M. D. McKenzie | | | | | | | | | |
| Lingan | Cape Breton | *Matthew Roche* | | | | | | | | | |
| Little Bras d'Or | " | P. Collins | | | | | | | | | |
| Liscomb | Guysborough | James Hemlow | | | | | | | | | |
| Liverpool | Queen's | *I. J. V. Dexter* | | | | | | | | | |
| Lockeport | Shelburne | J. R. Ruggles | 146 | 20 | 79 00 | 58 | 17 | 34 10 | 204 | 37 | 113 10 |
| Londonderry | Colchester | J. A. Blaikie | | | | | | | | | |
| Louisbourg | Cape Breton | *Wm. Lewis* | | | | | | | | | |
| Lunenburg | Lunenburg | Alfred G. Heisler | 185 | 150 | 287 50 | 281 | 230 | 209 50 | 466 | 380 | 497 00 |
| Mahone Bay | " | A. F. Zwicker | | | | 63 | 7 | 33 60 | 63 | 7 | 33 60 |
| Main à Dieu | Cape Breton | R. McDougall | | | | | | | | | |
| Maitland | Hants | Alex. Roy | | | | | | | | | |
| Margaree | Inverness | M. A. Dunn | | | | | | | | | |
| Margaretsville | Annapolis | D. W. Landers | | | | | | | | | |
| Merigomish | Pictou | D. McGregor | | | | | | | | | |
| Meteghan | Digby | E. U. Doucet | 61 | 41 | 42 80 | 42 | 38 | 32 90 | 103 | 79 | 75 70 |
| North-East Harbour | Shelburne | G. B. Swaine | 4 | 5 | 3 50 | 4 | 4 | 3 20 | 8 | 9 | 6 70 |
| North Sydney | Cape Breton | *James Armstrong* | | | | | | | | | |
| Parrsborough | Cumberland | *D. K. Holmes* | 139 | 130 | 108 50 | 226 | 199 | 172 70 | 365 | 329 | 281 20 |
| Pictou | Pictou | *M. Campbell* | 25 | 10 | 15 50 | 33 | 23 | 23 40 | 58 | 33 | 38 90 |
| Port Acadia | Digby | A. Bourneuf | | | | | | | | | |
| Port Caledonia and Little Glace Bay | Cape Breton | J. J. Campbell | | | | | | | | | |
| Port Gilbert | Digby | James Bingay | | | | | | | | | |
| Port Greville | Cumberland | James Kerr | | | | | | | | | |
| Port Hawkesbury | Inverness | *D. A. McDonald* | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Port Hood | Inverness | E. D. Tremain | | | | | | | | | |
| Port la Tour | Shelburne | J. W. Taylor | | Nil. | | | | | | Nil. | |
| Port Lorne | Annapolis | W. Graves | | | | | | | | | |
| Port Medway | Queen's | E. E. Leston | | | | | | | | | |
| Port Morien | Cape Breton | W. W. Bown | | | | | | | | | |
| Port Mulgrave | Guysborough | M. J. Keating | 10 | | 5 00 | 19 | 15 | 14 00 | 29 | 15 | 19 00 |
| Port William | King's | G. S. Lockwood | | | | | | | | | |
| Pubnico | Yarmouth | W. H. Amiro | | | | | | | | | |
| Pugwash | Cumberland | J. Wilson | | | | | | | | | |
| Ritcey's Cove | Lunenburg | E. G. Seaboyer | | | | | | | | | |
| River Hébert | Cumberland | A. W. Pugsley | 25 | 12 | 16 10 | 57 | 49 | 43 20 | 82 | 61 | 59 30 |
| St. Ann's | Cape Breton | D. McAulay | | | | | | | | | |
| St. Mary's River | Guysborough | A. F. Falconer | | | | | | | | | |
| St. Peter's | Richmond | Donald Urquhart | | | | | | | | | |
| Salmon River | Digby | I. H. C. Penny | | | | | | | | | |
| Sheet Harbour | Halifax | M. McFarlane | | | | | | | | | |
| Shelburne | Shelburne | W. W. Atwood | 34 | 6 | 18 80 | 29 | 13 | 18 40 | 63 | 19 | 37 20 |
| Sydney | Cape Breton | *James Rudderham* | | | | | | | | | |
| Sydney, Int. Pier | " | Vincent Mullins | 64 | 45 | 45 50 | 200 | 120 | 136 00 | 264 | 165 | 181 50 |
| Thorne's Cove | Annapolis | E. H. Porter | | | | | | | | | |
| Truro | Colchester | George P. Nelson | | | | | | | | | |
| Tatamagouche | " | J. A. G. Campbell | | | | | | | | | |
| Wallace | Cumberland | Charles D. Kerr | | | | | | | | | |
| Walton | Hants | H. Woolaver | | | | | | | | | |
| West Arichat | Richmond | B. Poirier | | | | | | | | | |
| Weymouth | Digby | N. B. Jones | | | | | | | | | |
| Windsor | Hants | A. H. Spence | 16 | 30 | | 17 00 | | | 16 | 30 | 17 00 |
| Wilmot | Annapolis | G. B. Reed | | | | | | | | | |
| Wolfville | King's | J. B. Davidson | | | | | | | | | |
| Yarmouth | Yarmouth | *N. L. Trefry* | 391 | 300 | 285 50 | 651 | 628 | 513 90 | 1,042 | 928 | 799 40 |

## PRINCE EDWARD ISLAND.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Alberton | Prince | J. P. Brennan | | | | | | | | | |
| Cascumpec | " | James F. White | | | | | | | | | |
| Charlottetown | Queen's | *H. W. Mutch* | | | | | | | | | |
| Crapaud | " | S. J. B. Leard | | | | | | | | | |
| Georgetown | King's | Charles Owen | | Nil. | | 11 | 5 | 7 00 | 11 | 5 | 7 00 |
| Malpeque | Prince | J. M. MacNutt | | | Nil. | | | Nil. | | | |
| Montague Bridge | King's | J. M. Aitken | | | | | | | | | |
| Murray Harbour | " | H. J. Brehaut | | | | | | | | | |
| Pinette | Queen's | H. D. Morrison | | | | | | | | | |
| Port Hill | Prince | W. Hopgood | | | | | | | | | |
| St. Peter's Bay | King's | J. A. McLaine | | | | | | | | | |
| Souris | " | Michael J. Foley | | | | | | | | | |
| Summerside | Prince | *Jos. Reed* | | | | 7 | 6 | 5 90 | 7 | 6 | 5 90 |
| Tignish | " | George Conroy | | | | | | | | | |

STATEMENT showing returns respecting shipping and discharging Seamen, &c.—*Concluded.*

BRITISH COLUMBIA.

| Name of Port. | Name of County. | Name of Shipping Master. | For Half-year ended June 30, 1900. | | | For Half-year ended December 31, 1900. | | | Total Seamen Shipped. | Total Seamen Discharged. | Total Amount. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Seamen Shipped. | Seamen Discharged. | Amount. | Seamen Shipped. | Seamen Discharged. | Amount. | | | |
| | | | | | $ cts. | | | $ cts. | | | $ cts. |
| Ahouset | Clayoquot | *C. R. McDougall* | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Clayoquot | " | *John Grice* | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hesquait | Vancouver | *A. J. Brabant* | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kynquot | Nanaimo | *W. J. Feker* | 148 | 74 | 96 20 | 57 | 125 | 66 00 | 205 | 199 | 162 20 |
| Masset Inlet | Queen Charl'te I'd. | *Charles Harrison* | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| New Westminster | New Westminster | *Peter Grant* | ... | ... | ... | 28 | 2 | 14 60 | 28 | 2 | 14 10 |
| Ucluclet | Barclay Sound | *Geo. Fraser* | 146 | 56 | 89 80 | ... | ... | 30 80 | ... | ... | 120 60 |
| Vancouver | New Westminster | *D. McPhaider* | ... | ... | ... | 270 | 263 | 261 90 | 270 | 263 | 261 90 |
| Victoria | Victoria | *H. G. Lewis* | 648 | 309 | 416 70 | 419 | 464 | 347 70 | 1,067 | 773 | 764 40 |

# APPENDIX No. 47.

LIST of Certificates of Competency granted to Masters and Mates of FOREIGN SEA-GOING VESSELS, during the year ended June 30, 1900.

| Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|
| 1899. | | | | | $ cts. |
| July 27.. | G. B. Harrold | 2nd Mate | Folkestone, Eng | Victoria, B.C. | 8 00 |
| " 27.. | E. E. Whistler | Master | Victoria, B.C | " | 15 00 |
| Aug. 4.. | W. J. Farrell | Mate | Halifax, N.S | Halifax, N.S. | 8 00 |
| " 9.. | James A. Wallis | Master | Auckland, N.Z | " | 15 00 |
| Sept. 21.. | James F. Rogers | 2nd Mate | Yarmouth. N.S. | " | 8 00 |
| " 21.. | John F. Baxter | Mate | Victoria, B.C | Victoria, B.C. | ..... |
| " 21.. | Robert C. Lawe | " | Ireland | " | 8 00 |
| " 25 . | Irving Lewis | Master | Sydney, N.S | Halifax, N.S. | ..... |
| " 27.. | Wm. John Breen. | " | St. John, N.B | St. John, N.B. | 15 00 |
| " 27.. | Ernest P. Dill | " | Newport, N.S | " | ..... |
| " 27.. | Wm. Read | Mate | Sunderland, Eng | " | 8 00 |
| " 27.. | Geo. M. Stevenson | 2nd Mate | Windsor, Eng | " | 8 00 |
| Oct. 18.. | Nicholas Mosher | Master | Avondale, N.S | Halifax, N.S. | 15 00 |
| " 18.. | Frank R. Churchill | Mate | Halifax, N.S | " | 8 00 |
| " 18.. | James W. Dalrymple | 2nd Mate | Truro, N.S | " | 8 00 |
| " 27.. | John R. Clarkson | Mate | New York, U.S | St. John, N.B. | 8 00 |
| " 27.. | Thos. A. Wallace | Master | St. John, N.B | " | ..... |
| " 27.. | Noah Amos | 2nd Mate | Baie Verte, N.B | " | 8 00 |
| Nov. 7.. | Maynard Fielden | " | Hantsport, N.S | Halifax, N.S. | 8 00 |
| " 7.. | A. Richardson | " | Quebec | " | 8 00 |
| " 14.. | James Campbell | " | Inverness, N.S | Victoria, B.C. | 8 00 |
| " 20.. | Percival Mann | Mate | Burlington, N.S | Halifax, N.S. | 8 00 |
| 1900. | | | | | |
| Jan. 3.. | Thos. A. Hillgrove | Master | Parrsboro, N.S. | " | 15 00 |
| " 31.. | Wm. Hensman | " | Halifax, N.S | " | 15 00 |
| Feb. 19.. | Ronald V. Bennett | Mate | Hopewell, N.B | St. John, N.B. | 8 00 |
| Mar. 22.. | Edmond McCarty | 2nd Mate | Halifax, N.S | Halifax, N.S. | 8 00 |
| " 22.. | Geo. Enos Mader | " | Mahone Bay, N.S | " | 8 00 |
| " 22.. | Edmond Thompson | Master | Yarmouth, N.S | " | .. |
| April 7.. | Guy Wilson | " | Essex, Eng | Vancouver, BC | 15 00 |
| " 24.. | Frank M. Seeley | 2nd Mate | Halifax, N.S | Halifax, N.S. | 8 00 |
| " 24.. | Henry A. Lee | Master | " | " | 15 00 |
| May 3.. | Alfred W. Howard | " | St. John, N.B | St. John, N.B. | 15 00 |
| " 9. | Thos. F. Morrison | Mate | Londonderry, N.S | Halifax, N.S. | 8 00 |
| " 14.. | Stennett Rafuse | 2nd Mate | La Have, N.S | Yarmouth, NS | 8 00 |
| " 14.. | Robert Whittaker | Master | Manchester, G.B | " | 15 00 |
| June 22.. | Angus J. MacDonald | Mate | Pinnette, P.E.I | St. John, N.B. | 8 00 |
| " 22.. | Arthur S. Warner | 2nd Mate | Liverpool, Eng | " | 8 00 |
| " 22.. | Byron F. Abbott | Master | Yarmouth, N.S | Yarmouth, NS | 15 00 |
| " 22.. | Geo. F. Stewart | Mate | Lancashire, Eng | Victoria, B.C. | 8 00 |
| " 26.. | James McGrath | Master | Parrsboro, N.S. | Halifax, N.S. | 15 00 |
| " 26.. | John Vaughan | 2nd Mate | Walton, N.S | " | 8 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING Vessels, during the year ended June 30, 1900.

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fees. |
|---|---|---|---|---|---|---|
| | 1899. | | | | | $ cts. |
| 2755 | July 5.. | Xavier Emond | Master | Vaudreuil, P.Q | Ottawa | 15 00 |
| 2756 | " 5.. | Jeffery Gillert | " | Musquodoboit H'br, N.S. | Halifax | 15 00 |
| 2757 | " 5.. | Peter Taylor | " | New Westminter, B.C | New Westminster | 15 00 |
| 2758 | " 5.. | Bap. Ordano | Mate | Victoria, B.C | Victoria | 6 00 |
| 2759 | " 5.. | Edward McCaskrie | Master | " | " | 15 00 |
| 2760 | " 6.. | S. Shipman | " | Richard's Landing, Ont. | St. Catharines. | 15 00 |
| 2761 | " 6.. | C. B. Tipping | Mate | Slocan City, B.C. | Victoria | 6 00 |
| 2762 | " 6.. | Chas. J. Berglund | " | New Westminster, B.C | " | 6 00 |
| 2763 | " 10.. | Herbert Martin | Master | Halifax, N.S | Yarmouth | ..... |
| 2764 | " 10.. | Francis Mackey. | " | " | Halifax | 15 00 |
| 2765 | " 11.. | Wallace Travis | " | Northesk | St. John | 15 00 |
| 2766 | " 13.. | John Dick | Mate | Fergus, Ont | St. Catharines. | ..... |
| 2767 | " 14. | W. A. Newcomb | " | Hopewell Cape, N.B | St. John | 6 00 |
| 2768 | " 17.. | W. A. Cooper | " | New Castle, N.B | " | 6 00 |
| 2769 | " 17.. | John W. Cochran | Master | Fox River, N.S | " | 15 00 |
| 2770 | " 21.. | Chas. MacPherson | " | Georgeville, P.Q | Ottawa | 5 00 |
| 2771 | " 21.. | Peter Lalonde | " | Cornwall, Ont | " | 15 00 |
| 2772 | " 22.. | Remi Dupuis | " | New Westminster, B.C. | Victoria | 15 00 |
| 2773 | " 22.. | Herbert Murray | Mate | Barriefield, Ont | Kingston | 6 00 |
| 2774 | " 22.. | John Corkey | Master | Kingston, Ont | " | 15 00 |
| 2775 | " 22.. | Guy Lorraine | Mate | Parrsborro, N.S | Yarmouth | 6 00 |
| 2776 | " 22 | L. E. Donnelly | " | Kingston, Ont | Kingston | 6 00 |
| 2777 | " 24.. | Wm. T. Goodwin | " | Toronto, Ont | St. Catharines. | 6 00 |
| 2778 | " 27.. | H. W. Lockwood | Master | Westport, Ont | Kingston | 6 00 |
| 2779 | " 27.. | H. C. A. Cartwright | " | Belleville, Ont | " | 5 00 |
| 2780 | " 27.. | Geo. T. Smith | " | Noody Quoddy, N.S | Halifax | 15 00 |
| 2781 | " 27.. | Wm. T. Windsor | " | Calender, Ont. | Kingston | 5 00 |
| 2782 | " 27.. | Joseph LeFort | Mate | Roberval, Que | Quebec | 6 00 |
| 2783 | " 27.. | Alfred E. Harris | " | Goxes Landing, Ont. | Kingston | 6 00 |
| 2784 | " 27.. | A. D. Bradshaw | " | Lindsay, Ont | " | 6 00 |
| 2785 | " 27.. | D. McG. Hackett | Master | Amherstburg, Ont | St. Catharines. | 15 00 |
| 2786 | Aug. 3.. | N. A. Beach | " | Georgeville, P.Q | Ottawa | 5 00 |
| 2787 | " 5.. | Thos. R. Hall | " | Clarina, P.O | " | 5 00 |
| 2788 | " 5.. | Freak A. Tully | " | Warsaw, Ont | " | 5 00 |
| 2789 | " 9.. | Wm. Jensen | Mate | Victoria, B.C | Victoria | 6 00 |
| 2790 | " 11.. | Bernard, Koop | " | Yarmouth, N.S | Yarmouth | 6 00 |
| 2791 | " 18.. | John M. Milne | Master | Kingston, Ont | Kingston | 15 00 |
| 2792 | " 18.. | W. H. White | " | Lakefield, Ont | " | 15 00 |
| 2793 | " 21.. | Geo. A. Hamilton | Mate | Bobcageon, Ont | " | 6 00 |
| 2794 | " 21.. | Walter D. Ellis | " | Trenton Falls, Ont | " | 6 00 |
| 2795 | " 22.. | C. W. Burgoyne | Master | " | " | 5 00 |
| 2796 | " 22.. | Squire Hicks | " | Japperton, B.C | New Westminster | 15 00 |
| 2797 | " 23.. | Thos. M. Ernest | " | Lunenburg, N.S | Lunenburg | 15 00 |
| 2798 | " 24.. | Chas. Gould | " | Waubauchene, Ont. | St. Catharines. | 15 00 |
| 2799 | " 26.. | David McCormick | " | Pelee Island, Ont. | " | 15 00 |
| 2800 | " 26.. | Archie J. Emenau | " | Lunenburg, Ont | Lunenburg | 15 00 |
| 2801 | Sept. 19.. | Leslie T. Merriam | " | Port Grenville, N.S. | St. John | 15 00 |
| 2802 | " 19.. | John A. McIntosh | " | French River, Ont | St. Catharines. | 15 00 |
| 2803 | " 19.. | John S. Curry | " | St. John, N.B | St. John | 15 00 |
| 2804 | " 19.. | Wm. P. Shea | " | Gordon Creek, Ont | Ottawa | 15 00 |
| 2805 | " 19.. | Edward Paradie | Mate | Kingston, Ont | St. Catharines. | 6 00 |
| 2806 | " 20.. | J. E. McGlade | " | Brockville, Ont. | Kingston. | 6 00 |
| 2807 | " 21.. | Geo. A. Baker | Master | Yarmouth, N.S | Yarmouth | 15 00 |
| 2808 | " 21.. | John E. Belyea | " | Pentanguishene, Ont. | St. Catharines. | 15 00 |
| 2809 | " 22.. | Wm. Henry Bemrose | " | Maxwell, Ont | " | 15 00 |
| 2810 | " 23.. | Arnold T. Mabee | " | Wickham, N.B. | St. John | 15 00 |
| 2811 | " 25.. | Frederick L. Foote | " | Cedar Lake, N.S | Yarmouth | 15 00 |
| 2812 | " 26.. | Charles J. Blomquist | " | Victoria, B.C | Victoria | 15 00 |
| 2813 | " 26.. | George H. Ritchie | Mate | Arrowhead, B.C | " | 6 00 |
| 2814 | " 26.. | Charles Hansen | " | Golden, B.C | " | 6 00 |
| 2815 | " 27.. | Alexander Veilleux | " | Sorel, P.Q | Quebec | 6 00 |
| 2816 | " 28.. | Richard Farries | Master | James Bay, Ont | Ottawa | ..... |
| 2817 | " 29.. | Wm. James Smith | " | Richard's Landing, Ont. | St. Catharines. | 15 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1899. | | | | | $ cts. |
| 2818 | Sept. 29 | John M. Purtill | Master | St. Catharines, Ont. | St. Catharines. | 15 00 |
| 2819 | " 30 | Theophile Dominique | " | Rat Portage, Ont. | Winnipeg | 15 00 |
| 2820 | Oct. 3 | Wm. McLean | Mate | Collingwood, Ont. | St. Catharines | 6 00 |
| 2821 | " 3 | Wilfred Girard | " | Carillon, Que. | Ottawa | 6 00 |
| 2822 | " 4 | N. A. Putney | Master | North Hatley, Que. | " | 5 00 |
| 2823 | " 4 | Patrick Gallagher | " | St. John, N.B. | St. John | 15 00 |
| 2824 | " 10 | Ferdinand Moreau | " | Waubaushene, Ont. | St. Catharines | 15 00 |
| 2825 | " 11 | John Ritcey | " | Liverpool, N.S. | Sydney | 15 00 |
| 2826 | " 13 | R. E. Hungerford | Mate | Lindsay, Ont. | Kingston | 6 00 |
| 2827 | " 13 | Sydney Smith | Master | Little Current, Ont. | St. Catharines | 15 00 |
| 2828 | " 13 | Wm. Meakin | " | French River, Ont. | " | 15 00 |
| 2829 | " 13 | Wm. John Corbett | Mate | Owen Sound, Ont. | " | 6 00 |
| 2830 | " 13 | Hiram Beveridge | Master | Milbourne, N.S. | Yarmouth | 15 00 |
| 2831 | " 17 | Richard A. Mather | " | Victoria, B.C. | Victoria | 15 00 |
| 2832 | " 18 | Charles R. Glenn | Mate | Cheverie, N.S. | St. John | 6 00 |
| 2833 | " 18 | Joseph A. Sabean | Master | St. John, N.B. | " | 15 00 |
| 2834 | " 23 | J. B. Menard | " | Lumsden's Mills, Que. | Ottawa | 15 00 |
| 2835 | " 24 | Geo. A. Dick | Mate | Barriefield, Ont. | Kingston | 6 00 |
| 2836 | " 24 | Henry E. Burke | Master | Lunenburg, N.S. | Lunenburg | 15 00 |
| 2837 | " 24 | Wm. Henry Giles | " | Gravenhurst, Ont. | St. Catharines | 15 00 |
| 2838 | " 24 | Arsène Godin | Mate | Ile St. Ignace, Que. | Quebec | 6 00 |
| 2839 | " 27 | Noah Amos | " | Baie Verte, N.B. | St. John | 6 00 |
| 2840 | Nov. 6 | Wm. H. Holden | Master | Gore Bay, Ont. | Spanish River. | 15 00 |
| 2841 | " 9 | Patrick Young | Mate | Young's Point, Ont. | Kingston | 6 00 |
| 2842 | " 15 | Ole Alfsmo | Master | Trail, B.C. | Victoria | 15 00 |
| 2843 | " 24 | Geo. S. Powell | Mate | Victoria, B.C. | " | 6 00 |
| 2844 | " 24 | Walter J. Verge | " | " | " | 6 00 |
| 2845 | " 24 | Frank W. Reid | " | New Westminster, B.C. | " | 6 00 |
| 2846 | " 24 | E. J. Ruxton | " | Victoria, B.C. | " | 6 00 |
| 2847 | " 27 | Wm. B. Vansickle | Master | Lynden, Ont. | St. Catharines | 15 00 |
| 2848 | " 27 | Arthur G. Balkwill | " | Vancouver, B.C. | N. Westm'ster | 15 00 |
| 2849 | " 28 | Emile C. Mack | " | Lunenburg, N.S. | Lunenburg | 15 00 |
| 2850 | Dec. 6 | Jules O. Provost | Mate | Montreal, Que. | Ottawa | 6 00 |
| 2851 | " 14 | E. T. McLennan | Master | Vancouver, B.C. | Victoria | ..... |
| 2852 | " 14 | Chas. E. Beveridge | " | Yarmouth, N.S. | Yarmouth | 15 00 |
| 2853 | " 16 | Geo. D. Robertson | Mate | Vancouver, B.C. | Victoria | 6 00 |
| 2854 | " 16 | Daniel Martin | Master | Victoria, B.C. | " | 15 00 |
| 2855 | " 18 | Samuel Geo. Parkin | " | Lindsay, Ont. | Kingston | ..... |
| 2856 | " 19 | Albert Stiles | " | Thurso, Que. | Ottawa | 15 00 |
| 2857 | " 19 | Arthur Doucett | " | Cape St. Mary, N.S. | Yarmouth | 15 00 |
| 2858 | " 29 | Joseph B. Scott | Mate | Guysboro', N.S. | St. John | 6 00 |
| 2859 | " 30 | Robert S. Misener | " | Providence Bay, Ont. | St. Catharines | ... |
| | 1900. | | | | | |
| 2860 | Jan. 4 | James W. Rigney | Master | Sarnia, Ont. | " | 15 00 |
| 2861 | " 4 | John S. McQueen | " | Amherstburg, Ont. | " | 15 00 |
| 2862 | " 4 | Forman L. Pothier | " | Tusket Wedge, N.S. | Yarmouth | 15 00 |
| 2863 | " 9 | Henry Coyle | " | Kingston, Ont. | Kingston | 15 00 |
| 2864 | " 18 | James Fitsimmons | Mate | Arrowhead, B.C. | Victoria | 6 00 |
| 2865 | " 23 | Theophilus Boudrot | Master | Discousse, N.S. | Sydney | 15 00 |
| 2866 | " 23 | James H. McLean | " | Wallaceburg, Ont. | St. Catharines | 15 00 |
| 2867 | " 24 | Bertram Campbell | " | Bracebridge, Ont. | " | 15 00 |
| 2868 | " 25 | Geo. E. Churchill | Mate | Yarmouth, N.S. | Yarmouth | 6 00 |
| 2869 | " 25 | Isaac S. Foote | Master | Pembroke, N.S. | " | 15 00 |
| 2870 | " 26 | Wm. McKenzie | Mate | Shrigley, Ont. | St. Catharines | 6 00 |
| 2871 | " 26 | Laurent Vigneault | Master | House Harbour, N.I., Q. | Quebec | 15 00 |
| 2872 | " 26 | Luc Pelletier | " | L'Islet, Que. | " | 15 00 |
| 2873 | " 27 | Lucien Bernier | " | Lotbinière, Que. | " | 15 00 |
| 2874 | " 26 | Prudent Parent | " | Lévis, Que. | " | 15 00 |
| 2875 | " 29 | Herbert Hiscock | Mate | New Westminster. | Victoria | ... |
| 2876 | " 31 | Wm. Chas. Playter | Master | Collingwood, Ont. | St. Catharines | 15 00 |
| 2877 | Feb. 1 | Wm. H. Readman | " | West Gravenhurst, Ont. | " | ..... |
| 2878 | " 3 | John W. McLeod | " | Charlottetown, P.E.I. | Sydney | 15 00 |
| 2879 | " 3 | Mitchell Decker | " | Lockeport, N.S. | Yarmouth | 15 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1900. | | | | | $ cts. |
| 2880 | Feb. 6 | Robert McLaren | Master | Chatham, Ont | St. Catharines | 15 00 |
| 2881 | " 6 | Hector McInnis | " | Meaford, Ont | " | 15 00 |
| 2882 | " 7 | Harry Boult | Mate | Collingwood, Ont | " | 6 00 |
| 2883 | " 31 | John Neil McKinnon | Master | Murray Harbour, P.E.I. | Sydney, CB. | 15 00 |
| 2884 | " 7 | Emile Seguin | " | Hudson Heights, P.Q. | Quebec | 15 00 |
| 2885 | " 13 | Alfred Cluett | Mate | Halifax, N.S. | Halifax, N.S. | 8 00 |
| 2886 | " 16 | Harry F. Brown | Master | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 2887 | " 16 | Geo. E. Robertson | Mate | " | " | 6 00 |
| 2888 | " 16 | Arthur F. Dougherty | Master | " | " | 15 00 |
| 2889 | " 17 | Wm. James Ferguson | " | Wiarton, Ont | St. Catharines. | 15 00 |
| 2890 | " 17 | Jeddiah J. Embree | " | Nelson, B.C | Victoria, B.C. | 15 00 |
| 2891 | " 17 | George Lawrence | Mate | Wiarton, Ont | St. Catharines. | 6 00 |
| 2892 | " 19 | James J. Moore | " | Nelson, B.C | Victoria, B.C. | 6 00 |
| 2893 | " 19 | Omer Blinn | Master | Digby, N.S. | Yarmouth, NS | 15 00 |
| 2894 | " 22 | James Nowlan | " | Chatham, N.B | Chatham, N.B | 15 00 |
| 2895 | " 23 | Fred'k Smeltzer Reeve | Mate | Wiarton, Ont | St. Catharines. | 6 00 |
| 2896 | " 24 | James A. Willett | Master | Main-à-Dieu, C.B., N.S. | Sydney, N.S. | 15 00 |
| 2897 | " 27 | James C. Merchant | " | Pembroke, Ont | Kingston, Ont. | 15 00 |
| 2898 | " 27 | John Lawrence | Mate | Kingston, Ont | " | 6 00 |
| 2899 | Mar. 7 | Jacob Crouse | Master | Bridgewater, N.S. | Lunenburg NS | 15 00 |
| 2900 | " 7 | Thos. B. Greenaway | Mate | Port Dalhousie, Ont. | St. Catharines. | 6 00 |
| 2901 | " 7 | Chas. Henry Knight | Master | Wiarton, Ont. | " | 15 00 |
| 2902 | " 7 | Wm. Henry Wright | " | Toronto, Ont | " | 15 00 |
| 2903 | " 7 | Wm. Osborne Street | Mate | New Westminster, B.C. | Victoria, B.C. | 6 00 |
| 2904 | " 7 | Bernard N. Melancon | Master | Port Gilbert, N.S. | Yarmouth, NS | ..... |
| 2905 | " 9 | Wm. S. Johnston | " | Owen Sound, Ont. | St. Catharines. | 15 00 |
| 2906 | " 9 | Loren Walters | " | Lunenburg, N.S. | Lunenburg NS | 15 00 |
| 2907 | " 9 | John Henry Innes | " | Port Mouton, N.S | Halifax, N.S. | 15 00 |
| 2908 | " 9 | Teman Beck | Mate | Lunenburg, N.S | Lunenburg NS | 8 00 |
| 2909 | " 9 | Thomas Hare | Master | North Sydney, N.S. | Sydney, N.S. | ..... |
| 2910 | " 9 | Philip Cain | " | New Westminster, B.C. | N. West'inster | 15 00 |
| 2911 | " 9 | Albert E. Cullis | " | Bruce Mines, Ont | St. Catharines. | 15 00 |
| 2912 | " 9 | Angus K. McDonald | " | Vancouver, B.C | N. West'inster | 15 00 |
| 2913 | " 13 | Lesley Martindale | " | Lions Head, Ont | St. Catharines. | 15 00 |
| 2914 | " 16 | Wm. Robinson | " | Pentanguishene, Ont. | " | 15 00 |
| 2915 | " 17 | Murdoch MacLean | Mate | New Westminster, B.C. | Victoria, B.C. | 6 00 |
| 2916 | " 17 | Alfred Sallgrem | " | Arrowhead, B.C. | " | 6 00 |
| 2917 | " 17 | John Webber | " | Victoria, B.C. | " | 6 00 |
| 2918 | " 17 | Alfred R. Bissett | Master | " | " | 15 00 |
| 2919 | " 17 | Wm. Bartlett | " | Vancouver, B.C. | " | 15 00 |
| 2920 | " 17 | Joseph B. Weeks | Mate | Okanagon Landing, B.C. | " | 6 00 |
| 2921 | " 17 | Wm. C. Marsh | Master | Victoria, B.C. | " | 15 00 |
| 2922 | " 21 | Phidime Menard | " | L'Islet, Que. | Quebec | 15 00 |
| 2923 | " 21 | Albert Croteau | " | L'eclerceville, Que. | " | 15 00 |
| 2924 | " 22 | Donald W. Stewart | " | St. Peters, N.S. | Halifax, N.S. | 15 00 |
| 2925 | " 22 | John O. McCulloch | Mate | Walton, N.S. | " | 6 00 |
| 2926 | " 22 | Geo. Enos Mader | " | Mahone Bay, N.S. | " | 6 00 |
| 2927 | " 23 | Geo. Everett McLeod | Master | Parrsboro, N.S. | Yarmouth, NS | 15 00 |
| 2928 | " 23 | Samuel George Mortimer | " | Vancouver, B.C. | Victoria, B.C. | 15 00 |
| 2929 | " 23 | Daniel Meisner | " | Lunenburg, N.S | Lunenburg NS | 15 00 |
| 2930 | " 23 | Wm. Edwin Curtis | " | Ladner, B.C. | N, West'inster | 15 00 |
| 2931 | " 23 | Thos. John Boyter | " | Little Current, Ont. | St. Catharines. | 15 00 |
| 2932 | " 23 | Eaton Chute | " | Hampton, N.S | Lunenburg NS | 15 00 |
| 2933 | " 23 | Archibald Geldert | " | Lunenburg, N.S. | " | 15 00 |
| 2934 | " 26 | Magloire Lachance | " | St. Jean de Orleans, P.Q. | Quebec | 15 00 |
| 2935 | " 26 | Wm. Thos. Windsor | " | Callender, Ont | Kingston, Ont | 5 00 |
| 2936 | " 27 | Thos. McA. Gaskin | " | Kingston, Ont | " | 15 00 |
| 2937 | " 27 | Joseph Mason | " | Collingwood, Ont | St. Catharines. | 15 00 |
| 2938 | " 27 | Wm. John Boyd | " | " | " | 15 00 |
| 2939 | " 29 | Edward Fleming | " | Elgin, Ont | Kingston, Ont. | 15 00 |
| 2940 | " 29 | Arthur Black | Mate | Prescott, Ont | " | 6 00 |
| 2941 | " 30 | Wm. Henry Porter | " | Fort Erie, Ont | St. Catharines. | 6 00 |
| 2942 | " 31 | Wm. H. McCulley | Master | Port Carling, Ont. | " | 15 00 |
| 2943 | April 4 | Joseph Gagnon | " | Keewatin, Ont | Rat Portage | 15 00 |
| 2944 | " 7 | Havelock Newcomb | " | Yarmouth, N.S. | Yarmouth, NS | 15 00 |

ST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|
| 1900. | | | | | $ cts. |
| April 7.. | Geo. S. Diggdon | Master | Port Medway, N.S. | Yarmouth, NS | ..... |
| " 7.. | Benj. E. Dewey | Mate | Gravenhurst, Ont | St. Catharines. | 6 00 |
| " 10.. | Archie McInnis | Master | Tiverton, Ont | St. Catharines | 15 00 |
| " 10.. | Arthur St. Martin | " | St. Joseph de Sorel, Que. | Quebec | 15 00 |
| " 10.. | Paul Jos. Cooper | " | Wine Harbour, N.S. | Halifax. | 15 00 |
| " 10.. | Redmond Keating | Mate | Port Mulgrave, N.S. | Sydney | 6 00 |
| " 10.. | Geo. R. Longley | " | St. Catharines, Ont. | St. Catharines | 6 00 |
| " 10.. | Peter James Shaw | Master | Lakeport, Ont | " | 15 00 |
| " 10.. | Benj. C. Newell | " | Clark's Harbour, N.S. | Halifax | 15 00 |
| " 11.. | David Kernaghan | " | Lakeport, Ont | St. Catharines | 15 00 |
| " 14.. | Vincent J. Peoples | Mate | Port Mulgrave, N.S. | Sydney | 6 00 |
| " 14.. | Angus McInnis | " | Tiverton, Ont | St. Catharines | 6 00 |
| " 14.. | David J. Burke | Master | Midland, Ont | " | 15 00 |
| " 17.. | Arthur John Harris | " | Vancouver, B.C. | N. Westm'ster | 15 00 |
| " 17.. | John Alward | Mate | Toronto, Ont | St. Catharines | 6 09 |
| " 19.. | Henry Arthur Eagles | Master | Chatham, N.B. | Newcastle | 15 00 |
| " 19.. | Charles Williams | " | Belleville, Ont | Kingston | 15 00 |
| " 20.. | Walter H. Taylor | " | Nelson, B.C. | Victoria | 15 00 |
| " 20.. | James J. Bartlett | Mate | Vancouver, B.C. | " | 6 00 |
| " 20.. | Henry Crocker | " | Victoria, B.C. | " | 6 00 |
| " 20.. | Albert Rafuse | Master | Conquerall Bank, N.S. | Lunenburg | 15 00 |
| " 20.. | L. J. H. Dorion | Mate | Chateau Richer, Que. | Quebec | 6 00 |
| " 20.. | Wm. Bloomfield | Master | Kingston, Ont | Kingston | 15 00 |
| " 24.. | Sennett Rafuse | Mate | La Have, N.S. | Yarmouth | 6 90 |
| " 24.. | Alexr. Baillargeon | " | Windsor, Ont | St. Catharines | 6 00 |
| " 24.. | Wm. Henry Oliver | Master | Kingston | Kingston | 15 00 |
| " 24.. | Alex. Strum | " | Lunenburg, N.S. | Lunenburg | 15 00 |
| " 24.. | John Alfred Young | " | Sydney, N.S. | Sydney | ... |
| " 30.. | John McDonald | Mate | Harbour du Bouche, N.S. | " | 6 00 |
| " 30.. | Michael J. Tierney | Master | Sheenboro', Que. | Ottawa | 15 00 |
| " 30.. | Alex. H. Bernie | Mate | Moortown, Ont | St. Catharines | 6 00 |
| May 2.. | Hugh Hiley | Master | Indiantown, N.B. | St. John | 15 00 |
| " 2.. | James H. Matthews | " | Point Wolfe, N.B. | " | 15 00 |
| " 2.. | Martin Mahoney | Mate | Hamilton, Ont | St. Catharines | 6 00 |
| " 4.. | W. A. McPherson | Master | Pictou Landing, N.S. | Pictou | 5 00 |
| " 4.. | Frank Poirier | " | Montreal, Que | Quebec | 15 00 |
| " 7.. | Alphonse Forgues | Mate | Notre Dame de Lévis, Q. | " | 6 00 |
| " 7.. | Sylvester Berry | Master | Providence Bay, Ont. | Spanish River. | 15 00 |
| " 10.. | Geo. R. Brown | " | Parron's Point | Kingston | 15 00 |
| " 10.. | Herbert H. Allan | " | Liverpool, N.S. | Yarmouth | 15 00 |
| " 10.. | Albert Barras | Mate | St. Joseph de Lévis, Que. | Quebec | ..... |
| " 10.. | Burpee Tupper | Master | Spencer's Island, N.S. | St. John | ..... |
| " 14.. | John W. S. Rutherford | " | Wiarton, Ont | St. Catharines | 15 00 |
| " 14.. | Alex. McLellan | " | Southampton, Ont | " | 15 00 |
| " 14.. | Geo. Spencer | " | North Sydney, N.S. | Sydney | 15 00 |
| " 14.. | Wm. J. Cunningham | Mate | Midland, Ont | St. Catharines | 6 00 |
| " 16.. | Peter Longe | Master | Southampton, Ont | " | 15 00 |
| " 16.. | Lauchlin McDonald | " | Framboise, C.B. | Sydney | 15 00 |
| " 16.. | Wm. E. James | " | Combermere, Ont | Ottawa | 5 00 |
| " 16.. | John McKellar | " | Victoria, B.C. | Victoria | 15 00 |
| " 18.. | John Chas. Hudson | " | Combermere, Ont | Ottawa | 15 00 |
| " 18.. | Fritz Mayers | " | New Westminster, B.C. | N. Westm'ster | 15 00 |
| " 18.. | Alexr. Brown | " | Vancouver, B.C. | Victoria | 15 00 |
| " 21.. | Alexr. Larsen | Mate | Ottawa, Ont | Ottawa | 6 00 |
| " 23.. | Geo. A. Haines | " | Summerstown, Ont | " | 6 00 |
| " 23.. | John Hall | Master | Lunenburg, N.S. | Lunenburg | 15 00 |
| " 23.. | Jas. R. Judge | " | Vancouver, B.C. | N. Westm'ster | 15 00 |
| " 23.. | Oscar Lalonde | Mate | Windsor, Ont | St. Catharines | 6 00 |
| " 23.. | Humphrey G. Newcomb | Master | Yarmouth, N.S. | Yarmouth | 15 00 |
| " 23.. | James Johnson | Mate | Granville, N.S. | " | 6 00 |
| June 4.. | John D. Williams | Master | Canso, N.S. | Sydney | 15 00 |
| " 4.. | Henry Hebb | " | Lunenburg, N.S. | Lunenburg | 15 00 |
| " 7.. | Peter Eligh | " | Ottawa, Ont | Ottawa | .. |
| " 4.. | Thos. N. S. Kelly | " | Bridgeworth, Ont | " | 15 00 |
| " 4.. | Thos. Strong | " | Port Elgin, Ont | St. Catharines | 15 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Concluded.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1900. | | | | | $ cts. |
| 3010 | June 4.. | Robt. H. Sims | Master | Ladner, B.C. | N. Westm'ster | 15 00 |
| 3011 | " 7.. | Michl. Bansette | Mate | Windsor, Ont. | St. Catharines. | 6 00 |
| 3012 | " 11.. | Chas. A. Chapman | " | Ellershouse, N.S. | Yarmouth | 6 00 |
| 3013 | " 14.. | Joseph C. Wallis | Master | Port Carling, Ont. | St. Catharines. | 15 00 |
| 3014 | " 14.. | Frank S. Crow | " | Chatham, Ont. | " | 15 00 |
| 3015 | " 14.. | Alphonse J. Dallain | " | Victoria, B.C. | Victoria | 15 00 |
| 3016 | " 19.. | Joseph Lebreche | " | Hull, Que. | Ottawa | 15 00 |
| 3017 | " 19.. | Louis Berthiau | " | Ottawa, Ont. | " | 15 00 |
| 3018 | " 21.. | James Dewitt | " | Mouth of Jemseg, N.B. | Fredericton | 15 00 |
| 3019 | " 21.. | James W. Cates | " | Victoria, B.C. | Victoria | 15 00 |
| 3020 | " 21.. | Geo. W. Graham | Mate | Arrowhead, B.C. | " | 6 00 |
| 3021 | " 21.. | Charles Joyce | " | Bronte, Ont | St. Catharines. | 6 00 |
| 3022 | " 22.. | Edward Shaw | " | Pegmouth, N.S | Yarmouth | 6 00 |
| 3023 | " 22.. | Loran J. McKinnon | " | Plymouth, N. | " | 6 00 |
| 3024 | " 23.. | Edwin L. Reed | Master | Nairn Centre, Ont | Fort Francis | 15 00 |
| 3025 | " 23.. | John Egan, jr | Mate | Killarney, Ont. | St. Catharines. | 6 00 |
| 3026 | " 26.. | Bernard Ericksen | Master | Dalhousie, N.B. | Dalhousie. | 15 00 |
| 3027 | " 27.. | Western S. Kelley | " | Bridgenorth, Ont. | Kingston | 15 00 |
| 3028 | " 30.. | Ovila Laing | " | Grand Piles, Que. | Quebec | 15 00 |

LIST of Certificates of Service granted to Masters and Mates of INLAND and COASTING Vessels, during the year ended June 30, 1900.

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1899. | | | | | $ cts. |
| 3346 | July 24.. | S. U. Gucker | Master | Lindsay, Ont. | Kingston | 8 00 |
| 3347 | Sept. 19.. | Wm. T. Greenwood. | " | Chatham, Ont. | St. Catharines. | 8 00 |
| 3348 | " 21.. | J. F. Lillecrap | " | Lakefield, Ont. | Kingston | 8 00 |
| 3349 | Oct. 3.. | Wm. Ashford | " | Newcastle, N.B. | Newcastle | 4 00 |
| | 1900. | | | | | |
| 3350 | Feb. 12.. | Benj. C. Newell | Master | Clark's Harbour, N.S | Yarmouth | 8 00 |
| 3351 | April 7.. | D. S. McCorquodale | " | Chicago, U.S. | St. Catharines. | 8 00 |
| 3352 | " 20.. | Geo. Walshe | " | Canso, N.S | Sydney | ..... |
| 3353 | May 3.. | Asa F. Nickerson. | " | St. Johns, Nfld. | Halifax | ..... |
| 3354 | " 14.. | Edouard Veillet | " | Quebec, Que. | Quebec. | 8 00 |
| 3355 | " 14.. | Edward Blewett | " | Lindsay, Ont. | St. Catharines. | 8 00 |
| 3356 | " 23.. | Alexander McKay | Mate | Lucknow, Ont. | " | 4 00 |

# APPENDIX No. 48.

**STATEMENT** of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels, in Canadian Waters, and to Canadian Sea-going Vessels, in other Waters, for the twelve months ended June 30, 1900.

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1898. | | | | | | | | | | | $ |
| Oct. 20 | Arthur | .... | Quebec | Sloop | .... | .... | Green Island, River St. Lawrence. | .... | .... | Total loss. | |
| 1899. | | | | | | | | | | | |
| Aug. 3 | Atlanta | 22 | Parrsboro, N.S. | Schr., wood, sail. | 37 | Economy, N.S. to River Herbert, N.S. | Spencer's Island, Minas Channel, N.S. | Vessel sprang a leak in a gale and stranded. | .... | Partial loss, | 100 |
| Sept. 9 | Avola | 7 | Windsor, N.S. | Bktn., wood, sail. | 450 | Quebec to Carnarvon | At sea | Thick fog caused a collision with another vessel. | 1 | Partial loss. | |
| April 12 | Alcides | 13 | Glasgow | Schr., steel, steam. | 2181 | St. John, N.B., to Glasgow. | Reed's Point, St. John Harbour. | Vessel collided with the steamer *Cumberland*. | .... | No loss. | |
| Oct. 21 | A. Gibson | 15 | St. John, N.B. | Schr., wood, sail. | 97 | St. John, N.B., to Salem | S.W. end of Isle of Haute, Me. | Vessel went ashore | .... | Total loss, | 700 |
| Nov. 27 | Anita | 16 | " | " | 115 | Shulee, N.S., St. John, N.B. to Barbadoes, W.I. | Bay of Fundy | Damaged in heavy gales. | .... | Partial loss, | 800 |
| Sept. 5 | Almerian | 2 | Liverpool | Schr., steel, steam. | 1910 | Antwerp to Quebec, to Antwerp. | Beaumont Reef, River St. Lawrence. | Stranded—fault of the pilot. | .... | Partial loss. | |
| Feb. — | Alpha | 25 | Yarmouth, N.S. | Schr., wood, sail. | 211 | Yarmouth, N.S., to Lunenburg, N.S. | Coffin's Island, North Atlantic. | .... | .... | Trifling loss. | |
| Sept. 7 | A. J. McKean | 3½ | Lunenburg, N.S. | " | 83·50 | Nelson, N.B., to Cape Tormentine. | Martin's Shore, between Tignish and Keldon Cape, P.E.I. | Vessel driven ashore by a heavy gale. | .... | Total loss, | 2,800 |
| Aug. — | Anglian | .... | .... | Steamer | .... | .... | Sunk at Five Fingers, B.C. | Sunk at Five Fingers, B.C., by coming in contact with a snag. Vessel was raised and resumed business. No further particulars obtainable. | .... | | |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1899. | | | | | | | | | | | $ |
| Nov. 8 | Avoca..... | 12 | Windsor, N.S. | Bktn., wood, sail. | 449·72 | Newport to Para, Brazil | Vessel parted her chains in a gale and drifted on shore. | ..... | .... | | |
| " 14 | Alferetta S. Snarte. | 20 | New York, U.S | Schr., wood, sail. | 240 | St. John, N.B., to New York. | Sixty-five miles east of Cape Cod Highland Light, N. Atlantic. | Heavy weather, vessel lost anchors and masts and became a wreck. | .... | Total loss, Cargo, | 6,000 531 |
| " 7 | Avola..... | .... | Windsor, N.S. | Bktn., wood, sail. | 449·72 | Newport..... | ..... | Casualty caused by a gale of wind. | .... | Total loss. | |
| Jan. -- | Arbutus ..... | 14 | St. John, N.B. | " .. | 386 | Black River to New York. | Was never heard of after sailing. | Sailed from Black River, Jamaica, and was never heard of afterward. | 8 | Total loss, | 6,000 |
| Sept. 6 | Avon ..... | 6 | Chatham, N.B. | Schr., wood, sail. | 49 | Charlottetown, P.E.I., to Tracadie, N.B. | Between Tracadie and West Cape, P.E.I. | Vessel was found dismasted. | 3 | Total loss, | 1,000 |
| Dec. 9 | Annie Blanche .. | 4 | Parrsboro, N.S. | " .. | 68 | Windsor, N.S., to Boston, U.S. | Dog Bar Breakwater, Gloucester, Mass., US | Vessel went into Gloucester for harbour and not knowing the Breakwater, ran on it. | .... | Partial loss, | 1,100 |
| ..... | Austria..... | 15 | Windsor, N.S. | " .. | 1773 | Bristol to Belfast..... | Unknown, (lost at sea). | This vessel was lost at sea. Registry closed September 29, 1899 Certificate of registry lost with the vessel. Sailed January 9, 1899. | 22 | Total loss. | |
| Dec. — | Avona ..... .... | 12 | Norwegian ... | Schr., steel, steam. | 1863 | Cardiff to North Sydney | Ten miles off Sow Point, C.B. | Casualty caused by heavy wind. | .... | Partial loss. | |
| 1900. | | | | | | | | | | | |
| Jan. 19 | Allen A McIntyre | 8 | St. John, N.B. | Schr., wood, sail. | 200 | Pensacola to St. Croix, W.I. | North Atlantic..... | Wrecked in a gale..... | .... | Total loss, Cargo, | 5,500 5,500 |
| " 4 | Abbie Keast..... | 1 | " .. | " .. | 77 | Port Johnson, U.S., to St. John, N.B. | Off Eaton's Neck, Long Island Sound, U.S. | Seriously damaged in a collision by the other vessel changing her | .... | Partial loss, | 1,200 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| June 28 1898. | Bessie Markham. | 22 | Chatham, N.B. | Barque, wood, sail. | 778 | Philadelphia to St. John, N.B. | Atlantic Ocean..... | In collision in fog..... | .... | Total loss, | 1,500 |
| Sept. 18 1900. | Bon Accord..... | .... | New Westminster, B.C... | Steamer..... | 52 | Lying at wharf, New Westminster, B.C. | Wharf at New Westminster, B.C. | Fire broke out in some hay stored near the vessel, | .... | Total loss, | 9,000 |
| ..... | C. C. Van Horn . | ... | ..... | ..... | ... | ..... | ..... | ..... | .... | Total wreck. | |
| ..... 1899. | Canadian..... | 1 | Victoria, B.C. | Sloop, wood, steam. | 716 | White Horse, Selkirk, to Dawson. | Yukon River ..... | Ignorance of river seems to have been the cause of casualty. | .... | Trifling accident. | |
| Mar. — | Crescent..... | 2 | Lunenburg, N.B. | Schr., wood, sail. | 99 | Lunenburg, Turk's Island to Lunenburg. | Somewhere between Turk's Island and Lunenburg. | No particulars reported as to the loss of this vessel as none could be obtained. | 7 | Total loss, Cargo, | $5,000 350 |
| Nov. 20 | Canary ..... .. | 8 | St. John, N.B. | " .. | 98 | St. John to New York | Half Mile from Cross Rip Lightship, Nantucket Shoal, U.S.A. | Collided with the *David S. Sines.* | .... | Total loss, Cargo, | 3,000 680 |
| Dec. 15 | Corinto ..... | 4 | Parrsboro', N.S. | " .. | 98 | Parrsboro, N. S., to Calais, Me. | Beaver Harbour to Bay of Fundy, N.B. | Damaged in a gale..... | .... | Partial loss, | 160 |
| Nov. 22 | Culdoon ..... | 14 | St. John, N.B. | Bktn., wood, sail. | 373 | Malta to Sydney, C.B. | North Atlantic, lat. 41° 55', long. 53° 12'. | Steamer ran into this vessel, breaking her jib-boom and otherwise sustaining damage. | .. | " | 300 |
| " 4 1900. | Caldera..... | 15 | Picton..... | Ship, wood ... | 1575 | Buenos Ayres to Plymouth. | South Atlantic, lat. 35° 29'S, long. 48° 54' W. | Vessel seriously damaged in a gale. | .... | | |
| Jan. 17 | Charlevoix ..... | new | Parrsboro', N.S. | Schr., wood, sail. | 427 | New York to St. John, N.B. | Mouth of Gloucester Harbour, Mass. | Stranded..... | .... | " | 1,500 |
| Feb. 3 1899. | Charlevoix ..... | 1 | " . | " .. | 427 | Loading at St. John, N.B. | Loading at St. John, N.B. | Forward house destroyed by fire. | .... | " | 200 |
| Dec. — 1900. | Cingo ..... | 10 | Shelburne, N.S | " .. | 196 | Boston to North Sydney. | Bridgeport Head, C.B., N.S. | Vessel grounded in fog and heavy sea. | .... | " | 1,500 |
| Jan. 13 | City of Seattle... | 10 | Tacoma, U.S. | Schooner, iron, steam. | 767 | Seattle to Juneau..... | Lynn Canal, Alaska... | Lost propeller..... | ... | Partial loss. | |
| April 14 | Chieftain ..... | 26 | St. John, N.B. | Schr., wood, sail. | 72 | St. John, N.B., Apple River, N.S., to St. John, N.B. | On beach West Advocate, N.S., Bay Fundy | Vessel ran ashore ..... | .... | " | 400 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Steam or Sail. — Iron or Wood. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Y'rs | | | | | | | | $ |
| 1900. May 5 | Clara Rankin | 32 | Boston, Mass. | Schr., wood, sail. | 143 | Digby, N.S., to Boston, Mass. | Near Briar Island, Bay Fundy. | Heavy cross sea | .... | Partial loss. 200<br>Cargo 80 |
| Mar. 22 | Canara | 16 | St. John, N.B. | Ship, wood, sail. | 1488 | New York, Shelburne to West Australia. | North Atlantic, lat. 60° W., long. 40° 30′ N. | Heavy sea and heavy gale. Vessel sprung a leak, sold at auction. | .... | Total loss, 11,300 |
| Feb. 13 | Colorado | 36 | San Francisco, U.S. | Barge, wood, sail. | 985 | Alaska to Tacoma, Wash. | Mouth of Adams River, B.C. | (Following tug) | .... | Partial loss, 3,000 |
| July — | Comrade | 32 | St. John, N.B. | Schr., wood, sail. | 77 | Apple River, N.S., to St. John, N.B. | Martins Head, St. John Co., Bay Fundy. | Went ashore in thick fog. | .... | " 300 |
| 1899. Aug. — | Daisy | ... | Arichat, N.S. | Schooner | ... | Arichat on a fishing voyage. | Cape Breton coast, N.S. | Sprang a leak and sank. | .... | Total loss, 500<br>Cargo, 500 |
| ..... | Dove | .... | Port Hawkesbury, N.S. | ..... | ..... | ..... | ..... | ..... | .... | Total loss. |
| 1898. Nov. 27 | Daniel Simmons | ... | Digby, N.S. | ..... | ... | Boston to Gilbert's Cove, N.S. | ..... | This vessel is supposed to have foundered with all on board. | .... | " |
| 1899. Sept. — | Daisy | .... | Quebec, Que. | Screw steamer. | 342 | ..... | Lake Edward, P.Q. | Vessel destroyed by fire. No further particulars obtainable. | .... | " |
| Oct. 7 | Derwentholm | 12 | Maryport | Schooner, iron, steam. | 1331 | Montreal | Near Sydney Harbour, N.S. | Error in bearings | .... | Trifling accident. |
| 1900. Feb. 23 | Douglas | 13 | St. John, N.B. | Barque, wood, sail. | 477 | Barbadoes to Manzinilla. | La Falle Reef, Vache Island, Hayti. | Unknown current; reef not marked on the chart. | .... | Total loss, 8,000 |
| May 23 | Danube | 31 | Victoria, B.C. | Schooner, iron, steam. | 887 | Victoria, B.C., to Alaska. | Otter Rock, Victoria Harbour, B.C. | Driven ashore by strong gale and stranded. | .... | Partial loss, 2,500 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 1899. | | | | | | | | | | | |
| Aug. 10 1898. | Ella Sayer..... | 1 | Newcastle.... | F. & A., steel, steam. | 1617 | West Hartlepool to Quebec. | River St. Lawrence.... | Run into by ss. *Philadelphia* while at anchor.. | .... | " | |
| Sept. 15 1899. | Edgar..... | 7 | New Westminster, B.C. | Wood, steam.. | 114 | Lying at wharf at New Westminster, B.C. | Wharf at New Westminster, B.C. | Fire broke out in some hay stored near the vessel. | .... | Total loss, | 9,000 |
| Nov. 16 | E. Norris ..... | 11 | St. John, N.B. | Schr., wood, sail. | 95 | Bear River, N.S., to Boston, Mass..... | Supposed to have capsized off Cape Ann, U.S. | Capsized; crew never heard of; vessel picked up bottom up and towed into Salem, Mass., Nov. 20. | 6 | " Cargo loss, | 2,000 400 |
| " — 1897. | Etta Vaughan... | .... | Shelburne, N.S. | " .. | 97 | Shelburne, N.S., Montague, P.E.I., to Shelburne, N.S. | West entrance to Canso Harbour, N.S. | Strong wind and dark night caused casualty; vessel ran ashore. | .... | Partial loss, | 300 |
| Nov. 24 1899. | E. W. Forest .. | 46 | Halifax, N.S.. | " . | 40·95 | Halifax, N.S., to Spry Bay, N.S. | Spry Bay, N.S ..... | Vessel dragged anchor and went ashore in a gale. | .... | Total loss. | |
| Sept. 4 | Edna S..... | 14 | (British)..... | Schr., wood, steam. | 51 | Halifax, N.S., to Newfoundland. | Wild Cove, Nfld ... | Driven ashore in a gale.. | .... | " | |
| Oct. 7 1900. | Estelle..... | 1 | Chatham, N.B. | Schr., wood, sail. | 92 | Charlottetown, P.E.I., to Boston. | Near Arichat, C.B... | Vessel dragged anchor and went ashore. | .... | Partial loss. | |
| Mar. -- | Eagle..... | 23 | St. Andrews, N.B. | " .. | 11 | Buck Bay to Eastport, Me. | Bay of Fundy, off White Horse. | Foundered..... ..... | .... | Total loss. | |
| May 31 | E. Merriam..... | 17 | Parrsboro', N.S. | " .. | ..... | Hillsboro', N.B., to New York, N.S. | Long Island Sound, U.S. | Collision. ..... | .... | " | |
| Oct. 4 1899. | Fred. H. Gibson. | 6 | St. John, N.B. | " .. | 419 | Mobile to Uruguay.... | Off Coast of Florida, Gulf of Mexico. | Vessel sprang a leak in a heavy gale. | .... | Partial loss, Cargo loss, | 4,000 300 |
| Nov. 13 | Florence Guest.. | 21 | Annapolis, N.S. | " .. | 36 | Kingsport, N.S., to Moncton, N.B. | Advocate Harbour Beach, N.S., Bay Fundy. | Vessel ran ashore..... .. | .. | Partial loss. | |
| " 12 1900. | Flash..... | 22 | Digby, N.S... | " .. | 10·38 | Westport, N.S. (fishing). | White Head Island, Grand Manan, Bay of Fundy. | Very heavy storm; ship parted her chains and drifted on the rocks. | ... | Total loss, | 225 |
| Mar. 6 | Free Trade..... | 4 | Parrsboro', N.S. | " .. | 77 | Parrsboro', N.S., to St. John, N.B. | Outer Mispec Point, St. John Co., N.B. | A blinding snowstorm the cause of the loss of this vessel. | .... | " Cargo, | 2,200 230 |
| Feb. 2 | Falmouth ..... | 23 | Windsor, N.S. | Bktn., wood, sail. | 501 | New York, U.S., to Port Greville, N.B. | Mouth of St. John Harbour, N.B. | Vessel stranded in a big wind and heavy sea and low water. | .... | Partial loss, | 600 |
| May -- | Francis Willard.. | 3 mo. | Lunenburg, N.S. | Schr., wood... | 97 | Halifax, N.S., to fishing ground. | Dover, near Cape Canso, N.B. | Fog..... | .... | " | 550 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1899. | | Y'rs | | | | | | | | | $ |
| Oct. 25 | Greenland | 2 | Parrsboro', N.S. | Barque, wood, sail. | 626 | Philadelphia to Turk's Island. | Turk's Island, British West Indies. | This vessel reported lost by despatch; no particulars given; crew saved. | .. | Total loss, | 35,000 |
| 1898, Sept. 10 | Gladys | 14 | New Westminster, B.C. | Wood, steam.. | 211 | Lying at wharf, New Westminster, B.C. | Wharf at New Westminster, B.C. | Warehouse on wharf took fire. | .... | " | 7,000 |
| 1899, July 14 | Grace Rice | 16 | Yarmouth, N.S. | Schr., wood, sail. | 120 | Yarmouth to Porto Rico. | ..... | ..... | .... | " | 2,500 |
| 1900. May 8 | Greville | 13 | Parrsboro', N.S. | " .. | 57 | St. John, N.B., to Wolfville, N.S. | 2 miles off Black Point, Partridge Island, Bay of Fundy. | Cargo of lime caught fire. | .... | Partial loss, Cargo, | 50 200 |
| 1899. Sept. 6 | Harry | 7 | " .. | " .. | 422 | Walton, N.S., to New York. | Walton River, Minas Basin, N.S. | Vessel broke loose from bow and drifted ashore. | .... | Partial loss, | 1,000 |
| Nov. 26 | Hera | 30 | Seattle West.. | " .. | 381 | Seattle to Honolulu... | Cape Flattery, North Pacific. | Cargo of lime ignited and set vessel on fire. | ... | Total loss. | |
| 1900. Feb. 11 | Howard Young.. | 7 | Lunenburg, N.S. | " .. | 98·74 | P. E. Island to Lunenburg, N.S. | Lunenburg Harbour, N.S. | Vessel dragged her anchor and became a total loss. | .... | " | 3,000 |
| 1899. Oct. 28 | Irene | 13 | St. John, N.B. | Schr., wood, sail. | 90 | Boston, Mass., to St. John, N.B. | Booth Bay, Me.... ... | Struck by a squall..... | .... | Partial loss, Cargo, | 500 50 |
| " 1 | Iona | 21 | Parrsboro, N.S | " " .. | 29 | St. John, N.B., to Maitland, N.S. | Cobiquid Bay, N.S ... | Stranded..... | .. | Total loss, | 275 |
| " 18 | Iodine | 14 | " .. | Bk., wood, sail | 539 | Greenland to Philadelphia. | Atlantic Ocean, off Newfoundland. | Casualty caused by hurricane. Vessel abandoned at sea. Two of crew swept overboard. Balance of crew rescued by the *Philadelphian* | 2 | " | 8,000 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | bour, Lockman's Point, N.S. | snowstorm. | | | |
| June 22 | Irene | 13 | St. John, N.B. | Schr., wood, sail. | 90 | Salmon River, N.B., to Vineyard Haven. | Cape Cod bearing 30 miles south. | Put into St. John leaking. | .... | " | 120 |
| | | | | | | | | | | Cargo, | 90 |
| Nov. 13 | Julia Franklin | 37 | Charlottet'wn, P.E.I. | " " | 70 | Halifax, N.S., to Margaree. | West side Port Hood Harbour, C.B., N.S. | Vessel stranded in a gale. | .... | Partial loss, | 200 |
| | | | | | | | | | | Cargo, | 400 |
| " 12 | John T. Collinan | 27 | St. John, N.B. | " " | 98 | New Bedford, Mass., to St. John, N.B. | West Quoddy | Vessel at anchor in West Quoddy. Blowing heavy. When tide went down, vessel pounded hard. | .... | Partial loss, | 1,100 |
| | | | | | | | | | | Cargo, | 3,000 |
| Dec. 31 | Juno | 18 | " | " " | 92 | Joggins, N.S., to Digby, N.S. | Port George, N.S. | An old ship got into a little heavy sea, started leaking and had to be run ashore to save the life of crew. | .... | Total loss, | 1,000 |
| | | | | | | | | | | Cargo, | 350 |
| 1900. | | | | | | | | | | | |
| Mar. 11 | Jennie C | 20 | Yarm'uth, N.S | " " | 16 | Beaver Harbour, N.B., to St. John, N.B. | Round Reef, St. John Harbour. | The buoy was not on the Round Reef as it should have been. | .... | Partial loss, | 175 |
| | | | | | | | | | | Cargo, | 300 |
| Jan. 26 | J. C. Hamelin, jr. | .... | Liverpool, N.S | Bk., wood, sail | 530 | Portland, Me., Turk's Island, Portland, to Me. | Eight miles south Nantucket. | Hurricane carried away masts and totally disabled the vessel. | .... | Partial loss. | |
| 1899. | | | | | | | | | | | |
| Nov. 12 | John H. Kennedy | 40 | Digby, N.S. | Schr., wood, sail. | 54 | Bear River, N.S., to Grand Manan, N.B. | Near North Head, Grand Manan, N.B. | ..... | .... | | |
| " — | Kelvin | 20 | St. John, N.B. | Bk., wood, sail | 1,050 | Buenos Ay to New York. | Boca River, Argentine Republic. | Vessel was damaged while being towed and became a total loss. | .... | Total loss, | 1,000 |
| Sept. 15 | Lebbie | 10 | Shelburne, N.S | Schr., wood, sail. | 93 | Victoria, B.C., Alaska, to Victoria, B.C. | Cruising in Behring Sea. | Vessel lost her masts through stress of weather. | .... | Partial loss, | 3,000 |
| July — | Laura I. | 11 | Yarm'uth, N.S | " " | 54 | Halifax to Labrador | Wapity Gun, Labrador. | Lost | ... | Total loss, | 1,100 |
| | | | | | | | | | | Cargo, | 3,000 |
| Mar. — | Louisburg | .... | Montreal | ..... | ..... | ..... | ..... | No particulars | .... | Partial loss. | |
| July 12 | Louise | 10 | Seaback, Wash | ..... | 167 | Victoria Harbour, B.C. | ..... | This was burnt to the water's edge lying up in Victoria Harbour. | .... | Total loss. | |
| 1900. | | | | | | | | | | | |
| Mar. 2 | Levuka | 7 | Parrsboro, N.S | Schr., wood, sail. | 76 | Parrsboro', N.S., to St. John, N.B. | Off Point Lepreaux, N.B. | Vessel got caught in a big gale. | .... | Partial loss, | 600 |
| 1899. | | | | | | | | | | | |
| Sept. 7 | Lady Aberdeen | 6 | Sydney, N.S. | " " | 88 | Gaspé, P.Q., to Port Hastings. | Savage Harbour, Prince Edward Island, Gulf of St. Lawrence. | Stranded | .... | Total loss. | |
| 1900. | | | | | | | | | | | |
| Feb. 13 | Lorne | 11 | Victoria, B.C. | Sloop, wood, steam. | 288 | Victoria, B.C., to Tacoma, Wash. | Entrance to Adams' River, B.C. | Mistake in the navigation of the vessel. | ... | Partial loss, | 200 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1898. | | Y'rs | | | | | | | | | $ |
| July 1 1899. | Marquis of Dufferin. | new | Vancouver, B.C. | Schr, wood, steam. | 629 | Vancouver to Alaska. | Four miles off Carmanah Point on Vancouver Island, B.C. | Steamer went to pieces.. | .... | Total loss. | |
| April 30 | Mary Grace..... | 27 | Parrsboro, N.S | Schr., wood, sail. | 20 | Cheverie, N.S., to Somerville, N.S. | Basin of Minas, Cambridge Creek, N.S. | Run on a point in a snow-storm. | .... | " | 200 |
| Nov. 13 | Maggie Lynds... | 14 | St. John, N.B. | " " .. | 67 | Moncton, N.B., to Parrsboro', N.S. | Advocate Harbour Beach. | Vessel dragged her anchors and went ashore | .... | " | 600 |
| " 7 | Maggie Miller... | 12 | " .. | " " .. | 93 | St. John to Beverley, Mass. | Whaleback Ledge, just outside Salem Harbour, U.S.A. | Mistook an electric light for a lighthouse. | .... | Partial loss, | 350 |
| Dec. 1 | Melinda ..... | 17 | Parrsboro, N.S | " " .. | 88 | Yarmouth, N.S., to Parrsboro', N.S. | Dartmouth, Point Freeport, N.S. | Stranded; ran too close and struck a ledge. | .... | Total loss, | 1,500 |
| Nov. 12 1898. | Martha D. McLain. | 33 | Digby, N.S... | " " .. | 49 | Digby, fishing... ..... | Sulis Point, Annapolis Basin, N.S. | Casualty caused by heavy storm. | .... | " | 1,500 |
| June .. 1899. | May Queen ..... | 30 | Halifax, N. S. | Iron steamer.. | 90 | ..... | Baddeck Harbour, C.B | Destroyed by fire..... | .... | Total loss | 1,000 |
| Dec. 9 1898. | Minnie A ..... | 22 | Halifax, N. S. | Schr., wood, sail. | 41 | Charlottetown, P.E.I. to New Glasgow, N.S | Northumberland Straits, Canada. | Mistook light in house for the Pictou Light, in a snow storm. | .... | Partial loss, Cargo, | 300 600 |
| Oct. 16 1899. | Mary ..... | .... | ..... | ..... | .... | ..... | Near Miminegash, P. E. Island. | Vessel sprang a leak and foundered; crew saved. No other information. | .... | Total loss. | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 1900. | | | | | | | | | | | |
| Feb. .. | Miami ..... | 9 | New York, U.S | Schr., steel, steam. | 2,292 | San Francisco..... | British Columbia coast | Pilot misjudged distance from land. | .... | Total loss. | |
| 1899. | | | | | | | | | | | |
| Nov. 12 | Mary E. Whorf.. | 29 | Digby, N. S.. | Schr., wood, sail. | 77 | Tiverton to Parrsboro. | Petit Passage, Digby Co., N.S. | Vessel stranded in heavy gale. | .... | Total loss | 1,000 |
| 1900. | | | | | | | | | | | |
| Jan. 3 | Moss Glen..... | 15 | Port Medway, N. S. | Bgtn., wood, sail. | 150 | Halifax to Azua, San Domingo, New York | Cansedo Point, S. coast San Dominigo. | Vessel became water-logged and foundered.. | .... | Total loss. | |
| 1899. | | | | | | | | | | | |
| Dec. 27 | M. J. Soley..... | 6 | Parrsboro, N.S | Schr., wood, sail. | 99 | Boston to Wolfville, N.S. | Bridge Ledge, American coast | Casualty caused by compass being out of order. | .... | Partial loss, | 2,500 |
| 1900. | | | | | | | | | | | |
| Feb. .. | May Queen..... | 41 | St. Andrew's, N.B. | " " | 30 | ..... | Woodard's Cove, Grand Manan, N.B. | ..... | .... | Total loss. | |
| 1899. | | | | | | | | | | | |
| July 19 | Nancy Anna. ... | .... | ..... | ..... | ..... | ..... | Diligent River, N. S... | ..... | .... | Total loss. | |
| ..... | Nordica..... | 12 | Vancouver, B. C. | ..... | ..... | ..... | Yukon ..... | Wreck of steam launch reported, no particulars | .... | Total loss. | |
| Oct. 26 | Nugget..... | 3 | Annapolis, N. S. | Schr., wood, sailing. | 123 | Annapolis, N. S., to Turk's Island. | Grand Turk, Turk's Island. | Vessel ran ashore and became a total loss. | .... | Total loss, | 5,000 |
| Dec. 8 | Nellie Blanche... | 12 | Parrsboro, N.S | " " | 89 | Windsor, N. S., to Lynn, Mass. | Off Spencer's Island, Bay of Fundy, N.B. | Sprung a leak in Bay, and put in to Parrsboro, N.S | .... | Partial loss, | 200 |
| July 12 | Nahleen ..... | new | Victoria, B. C. | Steamer .. .. | 590 | ..... | Victoria Harbour, B.C. | Vessel burnt to water's edge in Victoria H'b'r. | .... | Total loss. | |
| Sept. 6 | Nadid..... | .... | Norwegian.... | ..... | ..... | ..... | Four miles east of Pugwash Light. | Vessel wrecked in heavy gale. | .... | Total loss. | |
| 1900. | | | | | | | | | | | |
| April 20 | North Star..... | 1 | American..... | Steamer, wood | 34 | Astoria to Oyster Harbour. | Discovery Is'd., Enterprise Channel, B.C. | Incompetency of officers. | .... | Partial loss, | 1,500 |
| Jan. 28 | Olive Louise..... | 1 | Lunenburg, N.S. | Schr, wood, sail. | 85·46 | Lunenburg to Halifax, N. S. | Eastern Pt. entrance to Lunenburg Harbour | Casualty caused by compass being out of order. | .... | Total loss | 4,500 |
| 1899. | | | | | | | | | | | |
| Aug. 31 | Parisian..... | 18 | Glasgow ..... | Barque, steel, steam | 3,385 | Liverpool to Montreal. | Opp. Molson's wharf, Montreal. | Grounded ..... ..... | .... | Trifling accident. | |
| Aug. 10 | Philadelphian ... | 8 | Liverpool .... | S. S. steel, steam. | 3,322 | Liverpool to Montreal to Liverpool. | River St. Lawrence... | Run into SS. *Ella Sayer*. Claims no lights were shown by SS. *Ella Sayer* | .... | No serious damage | |
| June 16 | Penelope..... | 17 | Victoria, B.C. | Schr., wood, sail. | 71 | Victoria to Behring Sea | 3 miles west of Beachy Head, B.C. | Careless navigation in foggy weather. | .... | Trifling loss | |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

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|---|---|---|---|---|---|---|---|---|---|---|
| 1899. | | Yrs | | | | | | | | $ |
| July 23 | Phoenix..... | 17 | Parrsboro, N.S | Schr., wood, sail. | 396 | Windsor, N.S., to New York. | Near mouth Hudson River, Am. coast. | Damaged while being towed. | .... | Partial loss, 1,000 |
| Aug. 23 | Rossland..... | 1 | Vancouver, B.C | Steamer, wood | 28 | Arrowhead to Robson, B. C. | Narrows betw. Upper & Lower Arrow L, B.C | Caught fire..... .... | .... | Partial loss, 1.600 |
| ..... | Ramillies..... | 7 | Cardiff..... | Schr., steel, steam. | 1,904 | Montreal to London... | Two miles above Batiscan. | Collided with SS. *Turret Court.* | .... | Partial loss. |
| June 18 | Royalist..... | 4 | London. . . . | " " | 2,024 | Shields to Sydney..... | Richelieu Rapids, River St. Lawrence. | Something wrong in connection with engine pipes | .... | Trifling loss. |
| Dec. 8 | Roland..... | 11 | Parrsboro, N.S | Schr., wood, sail. | 93 | Parrsboro, N. S., to Boston. | Hog Island to Machias Bay, Me. | Went ashore in a gale... | .... | Partial loss, 550 |
| 1900. | | | | | | | | | | |
| Jan. 8 | Robert Ewing... | 8 | Parrsboro, N.S | " " | 399 | United States to West Indies. | South side of Gulf of Florida. | Foremast broke in the gale. | .... | Partial loss, 25,000 |
| May 13 | Roger Drury.... | 27 | Boston, Mass.. | " " | 307 | Hillsboro, N. B., to Newburg, N. J. | Round Reef to St. John Harbour, N.B. | Chains parted owing to heavy sea. | .... | Partial loss, 250 |
| 1899. | | | | | | | | | | |
| July 26 | Satellite..... .. | 7 | Charlottetown P.E.I | " " | 96 | Baddeck, N.S., to Philadelphia to Hlfx. N.S | Joe Folger Bank, Delaware Bay. | Ran on shoal and sank.. | .... | Amount of loss not reported. |
| Sept. 22 | Scotsman..... | 4 | Liverpool..... | F. & A. steel steamer. | 120 | Liverpool to Quebec... | N. E. end of Belle Isle, N. Atlantic. | Stranded in a fog..... | 11 | Total loss. Amt. of loss not reported |
| Nov. 16 | Safe Guide..... | 37 | Halifax, N.S.. | Schr., wood, sail. | 35 | Salmon River or Sheet Harbour. | 3 miles off St. Peter's Is. near en. to Ohtwn. Hbr | Sprung a leak and sank.. | . .. | Total loss, 600 |
| Nov. 12 | Susan and Annie | 23 | Parrsboro, N.S | " " | 79 | Parrsboro to Boston... | Placentia Island, Me. | Ran ashore..... | .... | Total loss, 300<br>Cargo, 150 |
| Nov. 21 | Sarah..... ... | .... | St. John, N.B | " " | 23 | Campbello, N. B., to St. John, N.B. | Halfway between Red Buoy & Beacon Light St. John Hbr., N.B. | Fault of SS. *Montrose.* This vessel was cut down 5 strakes on starboard side and lost everything moveable. | .... | Partial loss, 400<br>Cargo, 50 |
| Sept. 21 | Swan ..... ... | 11 | New Westminster, B. C. | Schr., wood, steam. | 17 | Lying at the city wharf Vancouver. | At wharf, Vancouver.. | Sank while lying at the wharf, Vancouver. | .... | Partial loss, 60 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Oct. 1898. | Stratton | | | | | | | Steamer sunk in Yukon. Total loss. No partic'lrs | | Total loss. | |
| Oct. 1900. | Snowdrift | | | | | | | Vessel totally wrecked. No further particulars. | | Total loss. | |
| Jan. 30 1899. | St. Maurice | 4 | Parrsboro', NS | Schr., wood, sail. | 272 | St. John, N.B., to Washington, U.S. | Smith's Point, mouth Potomac River, Amr. coast. | Captain made mistake in the light and vessel went ashore. | | Partial loss, Cargo, | 800 350 |
| Dec. — 1900. | Salina | 14 | " | Bk., wood, sail | 296 | Philadelphia to Cienfuegos. | Atlantic Ocean | Vessel never heard of after leaving port. | 10 | Total loss, | 15,000 |
| May 16 1899. | Samantha | 14m | Liverpool | Schr., steel, stm | 1,810 | Philadelphia, U.S., to Miramichi, N.B. | Balache Point, Gulf of Canso, N.S. | | | Trifling accident. | |
| Oct. 4 | Tees | 6 | Victoria, B.C. | " | 331 | Victoria, B.C., to Skagway. | North end Eldred Reef, Lynn Canal, Alaska. | Stranded on reef | | Extent of damage not reported. | |
| | Two Sisters | | | | | | Cheverie, N.S. | Register closed in 1898 | | Total loss. | |
| Aug. — | Tyrrell | | Vanco'ver, B.C | Steamer | 408 | | Stranded at Five Fingers, B.C. | No particulars could be obtained of this stranding further than that this vessel sustained serious damage. | | Partial loss. | |
| Oct. 9 | Thos. W. Holder. | 24 | Liverpool, N.S | Schr., wood, sail. | 199 | Liverpool, N.S., to New Haven, N.S. | New Combs, Cape Cod, N.S. | Vessel stranded in fog | | Total loss, Cargo, | 4,000 6,000 |
| " 30 1897. | Tacoma | 9 | Parrsboro', NS | " | 210 | Cuba to New York | Fortune Islands, Bahamas, British W.I. | Wrecked in a hurricane | | Total loss, | 7,000 |
| Nov. 15 1900. | Trial | | Halifax, N.S. | " | 22 | Halifax, N.S., to Cape Negro, N.S. | North-west Harbour, Cape Negro, N.S. | Parted chains and went ashore in a gale and became a total loss. | | " | |
| June 2 1899. | Trial | 4 | New Westminster, B.C. | Wood, steam. | 417·55 | | Columbia River, B.C. | Burnt | | " | 25,000 |
| Oct 7 1898. | Uncle John | 18 | American | Bk., wood, sail | 273 | Eureka, Cal., to Puget Sound. | North Pacific coast | Stranded running too close to shore. | | " | 20,000 |
| Nov. — | " | 1 | St. Andrews, N.B. | Sloop, wood, sail. | 11·25 | Grand Manan | At sea | Vessel went to sea in a gale and was lost. | | " | 400 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Concluded.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1998. | | Y'rs | | | | | | | | $ |
| Sept. 29 | Venezuela ..... | 10 | Lunenburg, N.S. | Schr., wood. | 94 | Lunenburg, N.S., to Liverpool, N.S. | Fisherman's Cape, N.S. | Casualty caused by thick fog. | .... | Total loss. |
| 1899. | | | | | | | | | | |
| Nov. 17 | Vere B. Roberts. | 1 | Parrsboro', NS | Schr., wood, sail. | 124 | Joggins, N.S., to Yarmouth, N.S. | In harbour at Westport, Brier Island, N.S. | Vessel was run into by the Government steamer *Lansdowne.* | .... | Partial loss, 103 |
| April — | Walter Summer.. | 8 | Moncton, N.B. | " .. | 147 | .... ..... | Coast Honduras, C.A., April 9, 1899. | No particulars further than that she was wrecked could be obtainable. | .... | Total loss. |
| 1900. | | | | | | | | | | |
| Feb. 10 | Walter L. Rich.. | 13 | Victoria, B.C. | " .. | 86 | Victoria, B.C., to Village Islands, B.C. | Village Bay, Village Island, B.C. | Vessel drifted on end of reef in a wind storm. | .... | Partial loss, 1,000 |
| 1899. | | | | | | | | | | |
| ..... | Wasp. ..... .... | .... | Gaspé..... | " . | 30·65 | Perce to Gaspé..... | St. Lawrence River.... | Driven ashore by wind. | .... | Total loss. |
| Nov. 11 | Yukon..... | New | Parrsboro', NS | " .. | 79 | Spencer's Island, N.S., to St. John, N.B. | Twelve miles west of Digby Gut, Bay of Fundy. | Lost sails in a storm, drifted to leeward and went ashore. | .... | " 2,000 |
| 1900. | | | | | | | | | | |
| March 7 | Yosemite..... | 38 | Victoria, B.C. | Wood, steam.. | 1,525 | Victoria to Vancouver. | Haro Strait, British Columbia. | Stranded ..... | .... | Partial loss 200 |

STATEMENT of Wrecks and Casualties reported as having occurred to Canadian Inland Vessels and to other Vessels in the Inland Waters of Canada, during the twelve months ended June 30, 1900.

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1900. | | | | | | | | | | $ |
| Sept. 12 | Albacore..... | 23 | Bowmanville, Ont. | Schr., wood, sail. | 327 | Hamilton to Oswego, N.Y. | Oswego, N.Y..... | Damaged in a gale..... | .... | Partial loss. |
| Oct. 15 | Brick..... | .... | ..... | ..... | ..... | ..... | Flower Pot Island, Georgian Bay. | Strong wind drove vessel ashore. | .... | Total loss. |
| ..... | Comfort ..... | 4 | Chatham, Ont. | Wood, steam.. | 13 | Marine City to Sombra | St. Clair River, Sombra Dock. | Damaged by fire..... | .... | Partial loss, 500 |
| Oct. 9 | City of Parry Sound. | 11 | Collingwood, Ont. | Wood, steam.. | 334 | Collingwood to Owen Sound. | Town Dock, Collingwood. | Destroyed by fire..... | .... | Total loss, 15,000 |
| 1899. | | | | | | | | | | |
| Aug. — | Delight..... | 10 | Sault Ste. Marie, Ont. | Tug, wood, steam. | 13·77 | ..... | Burnt at Dock, Richards Landing, Ont. | Fire..... | .... | " |
| ..... | E. Windsor..... | .... | Wallaceburg, Ont. | Steamer..... | 58 | Wallaceburg, Ont., to Chatham, Ont. | River St. Clair ..... | Broke in two..... | .... | " |
| Nov. — | Frank Reed..... | 13 | Owen Sound, Ont. | ..... | ..... | ..... | Barrie Island, Georgian Bay, Ont. | Wrecked..... | .. | " |
| Sept. 3 | Lisgar..... | .... | St. Catharines, Ont. | Schr., wood, sail. | 323 | Sarnia to Depot Harbour, Ont. | Lake Huron..... | Became a total loss in a gale. | 5 | " 4,000 |
| Dec. 5 | Niagara..... | .... | St. Catharines, Ont. | Schr., wood, steam. | 12 | Parry Sound to Buffalo | East of Long Point, Lake Erie. | Wrecked in bad weather. | 12 | " |
| Nov. — | P. M. Campbell. | 10 | Collingwood, Ont. | Screw, wood, steam. | 33 | Little Current ..... | Manitoulin..... | Fire..... | .... | " |
| " — | Persia ..... | .... | St. Catharines, Ont. | ..... | ..... | ..... | At Wharf, Toronto... | Damaged by fire..... | .... | Partial loss. |
| 1900. | | | | | | | | | | |
| Jan. — | Rimouski..... | 16 | Ottawa, Ont.. | Schr., wood, steam. | 85 | Canso to Halifax..... | Green Island Ledge, Lunenburg, N.S. | Wrecked in rough weather. | .... | Total loss, 9,000 |
| Sept. 20 | St. Andrew..... | 15 | Owen Sound, Ont. | Screw steamer | 722·25 | ..... | Lake Superior, Ont... | ..... | .... | " |
| " — | T. R. Merritt... | 26 | Hamilton, Ont | Schr., wood, sail. | 327·77 | Hamilton, Ont., to Oswego, N.Y. | Eight miles west of Oswego, N.Y. | Wrecked in a storm..... | .... | " 5,000 |

# APPENDIX No. 49

## REPORT OF THE MONTREAL HARBOUR COMMISSIONERS FOR THE YEAR ENDED DECEMBER 31, 1900.

*(This report not complete; have received as yet only portion relating to Harbour Master's Office.)*

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## REPORT OF THE HARBOUR MASTER OF THE PORT OF MONTREAL, FOR THE YEAR 1900.

HARBOUR MASTER'S OFFICE,
MONTREAL, February 9, 1901.

DAVID SEATH, Esq.,
Secretary Harbour Commissioners,
Montreal.

SIR,—I beg to submit for the information of the Harbour Commissioners of Montreal, the following as my annual report for the year ending December 31, 1900. Appended thereto will be found six comparative statements showing respectively for the past ten years:—

1. The number, tonnage, and classification, of sea-going vessels that arrived in port.
2. Those that arrived from the Maritime Provinces.
3. Number, and tonnage, of inland vessels.
4. The dates of the opening, and closing, of navigation, etc.
5. The number, and tonnage, belonging to the different nationalities.
6. The number, and tonnage, of vessels consigned to the different agents.

From these statements it will be seen that 726 sea-going vessels arrived in port during the past season, with a tonnage of 1,393,886 tons, a decrease of 75 vessels and 123,725 tons, from the previous years.

Of these vessels 679 were built of iron and steel, with a tonnage of 1,380,648, and forty-seven were built of wood, with a tonnage of 13,238.

Of inland vessels, there arrived 8,347, with a tonnage of 1,669,494 tons, a decrease of 530 vessels and 229,603 tons; making a grand total of vessels of all classes of 9,073 vessels and a tonnage of 3,063,380 tons, a decrease of 605 vessels of all classes, and 353,328 tons, from the previous year.

Some of the principal items of exports and imports (as obtained from the best sources of information) were:—

### EXPORTS.

LUMBER—To the United Kingdom and continental ports:

| 1899. | 1900. |
|---|---|
| 288,862,521 feet. | 239,222,380 feet, a decrease of 49,640,141 feet. |

LUMBER—To the River Plate:

| 1899. | 1900. |
|---|---|
| 1,201,266 feet. | 463,765 feet, a decrease of 737,501 feet. |

| | 1899. | | 1900. | |
|---|---|---|---|---|
| GRAIN—Wheat, | 9.852,131 | bushels. | 10,596,361 | bushels. |
| Corn, | 13,274,750 | " | 11,180,235 | " |
| Peas, | 1,252,549 | " | 1,663,697 | " |
| Oats, | 3,926,564 | " | 5,026,404 | " |
| Barley, | 1,081,147 | " | 1,023,655 | " |
| Rye, | 366,061 | " | 510,155 | " |
| Flaxseed, | 609,350 | " | 125,892 | " |
| Buckwheat, | 179,195 | " | 306,171 | " |
| Total, | 30,541,747 | " | 30,432,570 | " |

Showing a decrease of 109,177 bushels.

| | 1899. | 1900. | | |
|---|---|---|---|---|
| Flour | 1,320,372 barrels. | 1,260,441 | decrease | 59,931 barrels |
| Meal | 40,554 " | 53,611 | increase | 13,057 " |
| Eggs | 117,643 cases. | 251,113 | " | 133,470 cases. |
| Cheese | 1,816,985 boxes. | 2,335,601 | " | 518,616 boxes. |
| Butter | 462,115 pkgs. | 261,768 | decrease | 200,347 pkgs. |
| Apples | 286,473 barrels. | 268,068 | " | 18,405 barrels. |
| Cattle | 81,804 head. | 92,180 | increase | 10,376 head. |
| Sheep | 58,277 " | 34,838 | decrease | 23,439 " |
| Horses | 4,739 " | 6,584 | increase | 1,845 " |
| Hay | 12,000 tons. | 14,519 | " | 2,519 tons. |

IMPORTS.

| | 1899. | 1900. | | |
|---|---|---|---|---|
| Coal from Great Britain | 20,650 tons. | 11,233 | decrease | 9,417 tons. |
| " United States | 259,492 " | 312,085 | increase | 52,593 " |
| " Maritime Prov. | 965,014 " | 743,528 | decrease | 221,486 " |
| Total | 1,245,156 " | 1,066,864 | decrease | 178,310 " |

Of the above quantities there were discharged:

| | 1899. | 1900. | | |
|---|---|---|---|---|
| In the harbour | 1,023,539 tons. | 975,833 | | |
| In the canal | 221,617 " | 91,013 | | |
| Cement | 200,368 barrels. | 281,337 | increase | 80,969 barrels |
| Scrap iron | 11,886 tons. | 6,556 | decrease | 5,330 tons. |

NOTES.

There arrived in the harbour, belonging to the British North Atlantic fleet namely, H.M.S. *Tribune*, on July 3, and left again on July 9.

There is a decrease in the number and the tonnage of the vessels arriving during the season, but this is accounted for by the fact that many of the regular line steamers were employed during the season as transports to South Africa and to China, which had they made their regular trips to Montreal, would have given a substantial increase in tonnage over last year.

Owing to the large harbour improvements now being carried out some of the lines had to give up part of the space assigned to them last spring, but provision was made for them elsewhere and on the whole I think very little inconvenience was felt.

The whole respectfully submitted.

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number, Tonnage and Classification of Sea-going Vessels that arrived in Port the past ten years, with the dates of the greatest number in Port at one time.

| Years. | Steamships. | Tonnage. | Ships. | Tonnage. | Barques. | Tonnage. | Brigs. | Tonnage. | Brigantines. | Tonnage. | Schooners. | Tonnage. | Total Number of Vessels. | Total Tonnage. | Number in Port. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1891 | 631 | 903,043 | 11 | 16,113 | 15 | 11,054 | 1 | 149 | 9 | 2,127 | 58 | 6,171 | 725 | 938,657 | 46, Aug. 19 |
| 1892 | 658 | 1,004,396 | 8 | 11,705 | 21 | 15,405 | 1 | 149 | 4 | 809 | 43 | 4,243 | 735 | 1,036,707 | 39, July 12 |
| 1893 | 737 | 1,128,658 | 3 | 4,014 | 11 | 8,893 | .. | .... | 5 | 1,856 | 48 | 8,356 | 804 | 1,151,777 | 42 " 19 |
| 1894 | 684 | 1,079,313 | 3 | 4,324 | 14 | 9,609 | .. | .... | 5 | 901 | 28 | 2,762 | 734 | 1,096,909 | 22, May 23 |
| 1895 | 592 | 1,055,611 | 1 | 1,545 | 9 | 7,714 | .. | .... | 7 | 1,689 | 31 | 2,827 | 640 | 1,069,386 | 25, June 18 |
| 1896 | 669 | 1,200,543 | 5 | 7,350 | 6 | 4,003 | .. | .... | 9 | 2,052 | 20 | 2,520 | 709 | 1,216,468 | 37, July 29 |
| 1897 | 752 | 1,368,395 | .. | ..... | 8 | 3,958 | .. | .... | 7 | 1,745 | 29 | 4,904 | 796 | 1,379,002 | 40 " 28 |
| 1898 | 830 | 1,567,436 | 2 | 3,023 | 12 | 10,031 | .. | .... | 5 | 1,478 | 19 | 2,104 | 868 | 1,584,072 | 42, Aug. 1 |
| 1899 | 773 | 1,509,668 | .. | ..... | 7 | 3,530 | .. | .... | 3 | 1,048 | 18 | 3,365 | 801 | 1,517,611 | 39, July 29 |
| 1900 | 692 | 1,382,675 | .. | ..... | 2 | 891 | .. | .... | 4 | 875 | 28 | 9,445 | 726 | 1,393,886 | 27, June 28 |

J. McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number, Tonnage and Classification of Sea-going Vessels that arrived in Port from the Maritime Provinces the past ten years.

| Years. | Steamships. | Tonnage. | Ships. | Tonnage. | Barques. | Tonnage. | Brigs. | Tonnage. | Brigantines. | Tonnage. | Schooners. | Tonnage. | Total Number of Vessels. | Total Tonnage. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1891 | 272 | 260,702 | ... | .... | 2 | 1,462 | .... | .... | 2 | 520 | 29 | 3,067 | 305 | 266,751 |
| 1892 | 289 | 275,040 | .... | .... | 3 | 2,215 | 1 | 149 | 2 | 340 | 36 | 2,214 | 331 | 280,958 |
| 1893 | 333 | 324,188 | .... | .... | .... | ..... | 1 | 169 | .... | ..... | 34 | 2,577 | 368 | 326,934 |
| 1894 | 349 | 362,945 | .... | .... | 3 | 2,323 | .... | .... | 4 | 609 | 23 | 2,230 | 379 | 362,107 |
| 1895 | 256 | 296,256 | .... | .... | .... | ..... | .... | .... | 5 | 1,070 | 30 | 2,734 | 291 | 300,060 |
| 1896 | 252 | 292,880 | .... | .... | 1 | 178 | .... | .... | 4 | 734 | 15 | 1,188 | 272 | 294,981 |
| 1897 | 298 | 364,936 | .... | .... | .... | ..... | .... | .... | 2 | 376 | 31 | 1,051 | 311 | 366,363 |
| 1898 | 327 | 372,274 | .... | .... | .... | ..... | .... | .... | .... | .... | 14 | 1,397 | 341 | 373,671 |
| 1899 | 336 | 415,825 | .... | .... | .... | ..... | .... | .... | .... | ..... | 7 | 646 | 343 | 416,471 |
| 1900 | 279 | 352,002 | .... | .... | .... | ..... | .... | .... | 1 | 169 | 15 | 2,564 | 295 | 354,735 |

J. McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

**COMPARATIVE STATEMENT showing the Number and Tonnage of Inland Vessels that arrived in Port the past ten years, with the greatest number in Port at one time.**

| Years. | Number of Vessels. | Tonnage. | Greatest Number in Port at one time. |
|---|---|---|---|
| 1891 | 5,268 | 1,119,484 | 151, Sept. 7 |
| 1892 | 5,200 | 1,049,600 | 159, Aug. 6 |
| 1893 | 5,244 | 1,153,600 | 158, July 25 |
| 1894 | 4,666 | 979,809 | 172, May 20 |
| 1895 | 4,498 | 943,717 | 165, July 20 |
| 1896 | 4,832 | 1,004,117 | 160, June 11 |
| 1897 | 6,384 | 1,134,346 | 200, July 30 |
| 1898 | 6,941 | 1,807,892 | 216, Aug. 12 |
| 1899 | 8,877 | 1,899,097 | 219, July 28 |
| 1900 | 8,347 | 1,669,494 | 195, June 25 |

J. McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

**COMPARATIVE STATEMENT showing the dates of the Opening and Closing of Navigation, first Arrival from Sea and the last Departure for Sea, the past ten years.**

| Years. | Opening of Navigation. | Closing of Navigation. | First Arrival from Sea. | Last Departure for Sea. |
|---|---|---|---|---|
| 1891 | April 17 | Dec. 17 | April 27 | Nov. 21 |
| 1892 | " 13 | " 23 | " 23 | " 27 |
| 1893 | " 24 | " 4 | May 3 | " 23 |
| 1894 | " 12 | " 26 | April 27 | " 24 |
| 1895 | " 20 | " 6 | " 27 | " 25 |
| 1896 | " 22 | " 19 | " 28 | " 23 |
| 1897 | " 17 | " 19 | " 30 | " 24 |
| 1898 | Mar. 31 | " 12 | " 26 | " 28 |
| 1899 | April 24 | " 30 | " 27 | " 29 |
| 1900 | " 21 | " 10 | " 26 | Dec. 3 |

J. McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

STATEMENT showing the Nationality and Tonnage of Sea-going Vessels that arrived in Port during the Season of 1900, and were navigated by 28,085 seamen.

| Nationality. | Number of Vessels. | Tonnage. |
|---|---|---|
| British | 566 | 1,173,729 |
| Norwegian | 110 | 169,014 |
| German | 11 | 22,559 |
| American | 33 | 17,902 |
| French | 3 | 5,275 |
| Swedish | 2 | 3,248 |
| Italian | 1 | 2,159 |

J. McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

NUMBER and Tonnage of Sea-going Vessels consigned to the following Merchants during the Season of 1900.

| No. | Name of Firms. | Steam. | Tonnage. | Sail. | Tonnage. | Total Vessels. | Total Tonnage. |
|---|---|---|---|---|---|---|---|
| 1 | Kingman & Co | 180 | 259,591 | ..... | ..... | 180 | 259,591 |
| 2 | Elder, Dempster & Co | 82 | 228,682 | ..... | ..... | 82 | 228,682 |
| 3 | H. & A. Allan | 70 | 210,729 | ..... | ..... | 70 | 210,729 |
| 4 | The R. Redford Co., Ltd | 92 | 199,270 | 1 | 307 | 93 | 199,577 |
| 5 | Furness, Withy & Co., Ltd | 49 | 137,676 | 1 | 400 | 50 | 138,076 |
| 6 | McLean, Kennedy & Co | 42 | 96,537 | ..... | ..... | 42 | 96,537 |
| 7 | D. Torrance & Co | 27 | 93,336 | ..... | ..... | 27 | 93,336 |
| 8 | F. Leyland & Co., Ltd | 15 | 30,430 | ..... | ..... | 15 | 30,430 |
| 9 | Carbray, Routh & Co | 23 | 24,779 | ..... | ..... | 23 | 24,779 |
| 10 | Hy. Dobell & Co | 25 | 19,404 | ..... | ..... | 25 | 19,404 |
| 11 | J. G. Brock & Co | 16 | 18,464 | 5 | 355 | 21 | 18,819 |
| 12 | Masters | 23 | 13,031 | 11 | 5,686 | 34 | 18,717 |
| 13 | Petersen, Tate & Co | 12 | 12,699 | ..... | ..... | 12 | 12,699 |
| 14 | A. Poindron | 6 | 9,709 | ..... | ..... | 6 | 9,709 |
| 15 | The Intercolonial Coal Co | 9 | 7,803 | ..... | ..... | 9 | 7,803 |
| 16 | J. Major & Son | 4 | 4,915 | ..... | ..... | 4 | 4,915 |
| 17 | McArthur Bros | 2 | 4,296 | ..... | ..... | 2 | 4,296 |
| 18 | Seven others | 15 | 11,324 | 16 | 4,463 | 31 | 15,787 |
| | Total | 692 | 1,382,975 | 34 | 11,211 | 726 | 1,393,886 |

J. McSHANE,
*Harbour Master.*

## WEATHER REPORT FOR 1900.

| Date. | | Wind (at 8 to 9 a.m.) | (Temperature at 8 to 9 a.m.) | Remarks. |
|---|---|---|---|---|
| Jan. | 1 | North | Zero | Snowing. |
| " | 2 | North-east | 10 above | Fine day. |
| " | 3 | West | Zero | " |
| " | 4 | East | 18 above | Snowing. |
| " | 5 | South-East | 36 " | Dull day. |
| " | 6 | West | 24 " | Fine day. |
| " | 7 | North | 32 " | Rainy day. |
| " | 8 | East | 17 " | Fine day. |
| " | 9 | " | 22 " | Dull day. |
| " | 10 | West | 39 " | Fine day. |
| " | 11 | " | 4 below | " |
| " | 12 | North | 20 " | " |
| " | 13 | South-east | 12 above | " |
| " | 14 | North-east | 20 " | " Crossing at Longueuil in vehicles. |
| " | 15 | West | 30 " | Dull day. |
| " | 16 | " | 28 " | Fine day. |
| " | 17 | North-east | 6 below | " |
| " | 18 | West | 28 above | Sleet and rain. |
| " | 19 | North-east | 40 " | Dull day. |
| " | 20 | West | 39 " | Raining. |
| " | 21 | North-west | Zero | Fine day. |
| " | 22 | East | 38 above | " |
| " | 23 | West | 41 " | Dull day. |
| " | 24 | South-east | 2 below | Fine day. |
| " | 25 | West | 35 above | " |
| " | 26 | East | 8 " | Snowing. |
| " | 27 | North-east | 2 " | Windy day. |
| " | 28 | West | 28 " | Fine day. |
| " | 29 | " | 18 " | " |
| " | 30 | North-west | 24 " | " |
| " | 31 | East | 20 " | " |
| Feb. | 1 | North-west | 6 below | " |
| " | 2 | South-west | Zero | " |
| " | 3 | West | 14 above | " |
| " | 4 | North-west | 20 " | Snowing. |
| " | 5 | East | 26 " | Fine day. |
| " | 6 | West | 20 " | Snow storm. |
| " | 7 | " | 10 " | Fine day. |
| " | 8 | East | 30 " | Rain. |
| " | 9 | West | 36 " | Dull day. |
| " | 10 | East | 24 " | Fine day. |
| " | 11 | North-east | 25 " | " |
| " | 12 | South-west | 36 " | " |
| " | 13 | South | 42 " | Heavy rain. |
| " | 14 | North-east | 22 " | Strong wind. Ice shoved front of city. |
| " | 15 | West | 23 " | Dull day. |
| " | 16 | East | 18 " | Fine day. |
| " | 17 | West | 16 " | " |
| " | 18 | East | 26 " | " |
| " | 19 | North-east | 22 " | Snowing. |
| " | 20 | West | 22 " | Fine day. |
| " | 21 | " | 26 " | " |
| " | 22 | North-east | 27 " | Snowing. |
| " | 23 | East | 23 " | Dull day. |
| " | 24 | South | 36 " | Snowing. |
| " | 25 | South-west | 10 " | " |
| " | 26 | North | 12 below | Stormy day. |
| " | 27 | North-east | 10 " | Fine day. |
| " | 28 | South | 18 " | " |
| Mar. | 1 | North-east | 18 above | Heavy snow storm. |
| " | 2 | North | 28 " | Stormy day, snowing. |
| " | 3 | North-east | 20 " | Fine day. |
| " | 4 | West | 10 " | " |
| " | 5 | South-west | Zero | " |
| " | 6 | East | 10 above | Snowing. |
| " | 7 | North-east | 20 " | Windy day. |
| " | 8 | South-east | 22 " | Fine day. |
| " | 9 | South | 38 " | " |
| " | 10 | " | 28 " | Dull day. |
| " | 11 | East | 15 " | Fine day. |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1899. | | Yrs | | | | | | | | $ |
| July 23 | Phoenix..... | 17 | Parrsboro, N.S | Schr., wood, sail. | 396 | Windsor, N.S., to New York. | Near mouth Hudson River, Am. coast. | Damaged while being towed. | .... | Partial loss, 1,000 |
| Aug. 23 | Rossland..... | 1 | Vancouver, B.C | Steamer, wood | 28 | Arrowhead to Robson, B. C. | Narrows betw. Upper & Lower Arrow L, B.C | Caught fire..... .... | .... | Partial loss, 1.600 |
| ..... | Ramillies..... | 7 | Cardiff..... | Schr., steel, steam. | 1,904 | Montreal to London... | Two miles above Batiscan. | Collided with SS. *Turret Court.* | .... | Partial loss. |
| June 18 | Royalist..... | 4 | London. . . . | " " | 2,024 | Shields to Sydney..... | Richelieu Rapids, River St. Lawrence. | Something wrong in connection with engine pipes | .... | Trifling loss. |
| Dec. 8 | Roland..... | 11 | Parrsboro, N.S | Schr., wood, sail. | 93 | Parrsboro, N. S., to Boston. | Hog Island to Machias Bay, Me. | Went ashore in a gale... | .... | Partial loss, 550 |
| 1900. | | | | | | | | | | |
| Jan. 8 | Robert Ewing... | 8 | Parrsboro, N.S | " " | 399 | United States to West Indies. | South side of Gulf of Florida. | Foremast broke in the gale. | ... | Partial loss, 25,000 |
| May 13 | Roger Drury.... | 27 | Boston, Mass.. | " " | 307 | Hillsboro, N. B., to Newburg, N. J. | Round Reef to St. John Harbour, N.B. | Chains parted owing to heavy sea. | .... | Partial loss, 250 |
| 1899. | | | | | | | | | | |
| July 26 | Satellite..... .. | 7 | Charlottetown P.E.I | " " | 96 | Baddeck, N.S., to Philadelphia to Hlfx. N.S | Joe Folger Bank, Delaware Bay. | Ran on shoal and sank.. | .... | Amount of loss not reported. |
| Sept. 22 | Scotsman..... | 4 | Liverpool..... | F. & A. steel steamer. | 120 | Liverpool to Quebec... | N. E. end of Belle Isle, N. Atlantic. | Stranded in a fog..... | 11 | Total loss. Amt. of loss not reported |
| Nov. 16 | Safe Guide..... | 37 | Halifax, N.S.. | Schr., wood, sail. | 35 | Salmon River or Sheet Harbour. | 3 miles off St. Peter's Is. near en. to Chtwn. Hbr | Sprung a leak and sank.. | . . . | Total loss, 600 |
| Nov. 12 | Susan and Annie | 23 | Parrsboro, N.S | " " | 79 | Parrsboro to Boston... | Placentia Island, Me. | Ran ashore..... | .... | Total loss, 300<br>Cargo, 150 |
| Nov. 21 | Sarah..... .. | .... | St. John, N.B | " " | 23 | Campbello, N. B., to St. John, N.B. | Halfway between Red Buoy & Beacon Light St. John Hbr., N.B. | Fault of SS. *Montrose.* This vessel was cut down 5 strakes on starboard side and lost everything moveable. | .... | Partial loss, 400<br>Cargo, 50 |
| Sept. 21 | Swan ..... ... | 11 | New Westminster, B. C. | Schr., wood, steam. | 17 | Lying at the city wharf Vancouver. | At wharf, Vancouver.. | Sank while lying at the wharf, Vancouver. | .... | Partial loss, 60 |

## WEATHER REPORT FOR 1900.

| Date. | Wind (at 8 to 9 a.m.) | (Temperature at 8 to 9 a.m.) | Remarks. |
|---|---|---|---|
| Jan. 1.. | North | Zero | Snowing. |
| " 2.. | North-east | 10 above | Fine day. |
| " 3.. | West | Zero | " |
| " 4.. | East | 18 above | Snowing. |
| " 5.. | South-East | 36 " | Dull day. |
| " 6.. | West | 24 " | Fine day. |
| " 7.. | North | 32 " | Rainy day. |
| " 8.. | East | 17 " | Fine day. |
| " 9.. | " | 22 " | Dull day. |
| " 10.. | West | 39 " | Fine day. |
| " 11.. | " | 4 below | " |
| " 12.. | North | 20 " | " |
| " 13.. | South-east | 12 above | " |
| " 14.. | North-east | 20 " | " Crossing at Longueuil in vehicles. |
| " 15.. | West | 30 " | Dull day. |
| " 16.. | " | 28 " | Fine day. |
| " 17.. | North-east | 6 below | " |
| " 18.. | West | 28 above | Sleet and rain. |
| " 19.. | North-east | 40 " | Dull day. |
| " 20.. | West | 39 " | Raining. |
| " 21.. | North-west | Zero | Fine day. |
| " 22.. | East | 38 above | " |
| " 23.. | West | 41 " | Dull day. |
| " 24.. | South-east | 2 below | Fine day. |
| " 25.. | West | 35 above | " |
| " 26.. | East | 8 " | Snowing. |
| " 27.. | North-east | 2 " | Windy day. |
| " 28.. | West | 28 " | Fine day. |
| " 29.. | " | 18 " | " |
| " 30.. | North-west | 24 " | " |
| " 31.. | East | 20 " | " |
| eb. 1.. | North-west | 6 below | " |
| " 2.. | South-west | Zero | " |
| " 3.. | West | 14 above | " |
| " 4.. | North-west | 20 " | Snowing. |
| " 5.. | East | 26 " | Fine day. |
| " 6.. | West | 20 " | Snow storm. |
| " 7.. | " | 10 " | Fine day. |
| " 8.. | East | 30 " | Rain. |
| " 9.. | West | 36 " | Dull day. |
| " 10.. | East | 24 " | Fine day. |
| " 11.. | North-east | 25 " | " |
| " 12.. | South-west | 36 " | " |
| " 13.. | South | 42 " | Heavy rain. |
| " 14.. | North-east | 22 " | Strong wind. Ice shoved front of city. |
| " 15.. | West | 23 " | Dull day. |
| " 16.. | East | 18 " | Fine day. |
| " 17.. | West | 16 " | " |
| " 18.. | East | 26 " | " |
| " 19.. | North-east | 22 " | Snowing. |
| " 20.. | West | 22 " | Fine day. |
| " 21.. | " | 26 " | " |
| " 22.. | North-east | 27 " | Snowing. |
| " 23.. | East | 23 " | Dull day. |
| " 24.. | South | 36 " | Snowing. |
| " 25.. | South-west | 10 " | " |
| " 26.. | North | 12 below | Stormy day. |
| " 27.. | North-east | 10 " | Fine day. |
| " 28.. | South | 18 " | " |
| Mar. 1.. | North-east | 18 above | Heavy snow storm. |
| " 2.. | North | 28 " | Stormy day, snowing. |
| " 3.. | North-east | 20 " | Fine day. |
| " 4.. | West | 10 " | " |
| " 5.. | South-west | Zero | " |
| " 6.. | East | 10 above | Snowing. |
| " 7.. | North-east | 20 " | Windy day. |
| " 8.. | South-east | 22 " | Fine day. |
| " 9.. | South | 38 " | " |
| " 10.. | " | 28 " | Dull day. |
| " 11.. | East | 15 " | Fine day. |

WEATHER REPORT FOR 1900—*Continued.*

| Date. | Wind (at 8 to 9 a.m ) | Temperature (at 8 to 9 a.m.) | Remarks. |
|---|---|---|---|
| Mar. 12.. | West | 8 above | Fine day. |
| " 13.. | North-west | Zero | Dull day. |
| " 14.. | North | 26 above | " |
| " 15.. | North-east | 6 " | " |
| " 16.. | East | 20 " | Stormy day. |
| " 17.. | South-East | 20 " | Fine day. |
| " 18.. | West | 27 " | " |
| " 19.. | South-east | 28 " | Dull day. |
| " 20.. | West | 38 " | Fine day. |
| " 21.. | North-east | 35 " | " |
| " 22.. | West | 34 " | Dull day. |
| " 23.. | " | 38 " | Fine day. |
| " 24.. | " | 10 " | " |
| " 25.. | North-east | 20 " | " |
| " 26.. | South | 32 " | " |
| " 27.. | West | 38 " | " |
| " 28.. | " | 40 " | " |
| " 29.. | East | 39 " | " |
| " 30.. | West | 36 " | " |
| " 31.. | " | 30 " | " |
| April 1.. | North-east | 37 " | " |
| " 2.. | South-west | 40 " | " |
| " 3.. | South-east | 42 " | Dull day. Last crossing |
| " 4.. | West | 40 " | Dull day. |
| " 5.. | " | 42 " | Fine day. |
| " 6.. | " | 48 " | " |
| " 7.. | East | 42 " | " |
| " 8.. | West | 40 " | " |
| " 9.. | North-west | 32 " | " |
| " 10.. | North-east | 36 " | " |
| " 11.. | South-east | 42 " | " |
| " 12.. | North-east | 39 " | Dull day. Ice shoved in at 10.30 a.m. Movec out of position. |
| " 13.. | " | 35 " | Rainy day. |
| " 14.. | South-west | 40 " | Dull day. |
| " 15.. | West | 40 " | Fine day. |
| " 16.. | " | 42 " | " |
| " 17.. | South-west | 42 " | " |
| " 18.. | West | 62 " | " Opening ramps. |
| " 19.. | " | 55 " | Dull day. |
| " 20.. | " | 58 " | Fine day. |
| " 21.. | South-east | 63 " | " *Hochelaga* and arrived from winter q ing navigation. |
| " 22.. | North-east | 51 " | Cloudy day. |
| " 23.. | North | 56 " | Rainy day. |
| " 24.. | North-east | 46 " | Fine day. |
| " 25.. | " | 48 " | " |
| " 26.. | " | 52 " | " |
| " 27.. | " | 42 " | Cloudy day. |
| " 28.. | East | 48 " | Fine day. |
| " 29.. | West | 60 " | " |
| " 30.. | North-west | 62 " | " |
| May 1.. | North | 44 above | Dull day. |
| " 2.. | West | 54 " | Fine day. |
| " 3.. | " | 60 " | Overcast. |
| " 4.. | North-east | 45 " | Fine day. |
| " 5.. | North-west | 50 " | " |
| " 6.. | East | 43 " | " |
| " 7.. | " | 41 " | " |
| " 8.. | South-west | 46 " | Rainy day. |
| " 9.. | East | 42 " | Dull day. |
| " 10.. | North-east | 36 " | " |
| " 11.. | West | 44 " | Fine day. |
| " 12.. | " | 48 " | " |
| " 13.. | North-east | 52 " | " |
| " 14.. | West | 57 " | " |
| " 15.. | North-west | 70 " | Overcast. |
| " 16.. | East | 52 " | Fine day. |
| " 17.. | " | 46 " | Rainy day. |

STATEMENT of Wrecks and Casualties reported as having occurred to Canadian Inland Vessels and to other Vessels in the Inland Waters of Canada, during the twelve months ended June 30, 1900.

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1900. | | | | | | | | | | $ |
| Sept. 12 | Albacore..... | 23 | Bowmanville, Ont. | Schr., wood, sail. | 327 | Hamilton to Oswego, N.Y. | Oswego, N.Y..... | Damaged in a gale..... | .... | Partial loss. |
| Oct. 15 | Brick..... | .... | ..... | ..... | ..... | ..... | Flower Pot Island, Georgian Bay. | Strong wind drove vessel ashore. | .... | Total loss. |
| ..... | Comfort ..... | 4 | Chatham, Ont. | Wood, steam.. | 13 | Marine City to Sombra | St. Clair River, Sombra Dock. | Damaged by fire..... | .... | Partial loss, 500 |
| Oct. 9 | City of Parry Sound. | 11 | Collingwood, Ont. | Wood, steam.. | 334 | Collingwood to Owen Sound. | Town Dock, Collingwood. | Destroyed by fire..... | .... | Total loss, 15,000 |
| 1899. | | | | | | | | | | |
| Aug. — | Delight..... | 10 | Sault Ste. Marie, Ont. | Tug, wood, steam. | 13·77 | ..... | Burnt at Dock, Richards Landing, Ont. | Fire..... | .... | " |
| ..... | E. Windsor..... | .... | Wallaceburg, Ont. | Steamer..... | 58 | Wallaceburg, Ont., to Chatham, Ont. | River St. Clair ..... | Broke in two..... | .... | " |
| Nov. — | Frank Reed..... | 13 | Owen Sound, Ont. | ..... | ..... | ..... | Barrie Island, Georgian Bay, Ont. | Wrecked..... | .. | " |
| Sept. 3 | Lisgar..... | .... | St. Catharines, Ont. | Schr., wood, sail. | 323 | Sarnia to Depot Harbour, Ont. | Lake Huron..... | Became a total loss in a gale. | 5 | " 4,000 |
| Dec. 5 | Niagara..... | .... | St. Catharines, Ont. | Schr., wood, steam. | 12 | Parry Sound to Buffalo | East of Long Point, Lake Erie. | Wrecked in bad weather. | 12 | " |
| Nov. — | P. M. Campbell . | 10 | Collingwood, Ont. | Screw, wood, steam. | 33 | Little Current ..... | Manitoulin..... | Fire..... | .... | " |
| " — | Persia ..... | .... | St. Catharines, Ont. | ..... | ..... | ..... | At Wharf, Toronto... | Damaged by fire..... | .... | Partial loss. |
| 1900. | | | | | | | | | | |
| Jan. — | Rimouski..... | 16 | Ottawa, Ont.. | Schr., wood, steam. | 85 | Canso to Halifax..... | Green Island Ledge, Lunenburg, N.S. | Wrecked in rough weather. | .... | Total loss, 9,000 |
| Sept. 20 | St. Andrew..... | 15 | Owen Sound, Ont. | Screw steamer | 722·25 | ..... | Lake Superior, Ont... | ..... | .... | " |
| " — | T. R. Merritt... | 26 | Hamilton, Ont | Schr., wood, sail. | 327·77 | Hamilton, Ont., to Oswego, N.Y. | Eight miles west of Oswego, N.Y. | Wrecked in a storm..... | .... | " 5,000 |

WEATHER REPORT FOR 1900—*Continued.*

| Date. | Wind (at 8 to 9 a. m.) | Temperature (at 8 to 9 a. m.) | Remarks. |
|---|---|---|---|
| July 28.. | North-east | 75 above | Fine day. |
| " 29.. | South | 84 " | " |
| " 30.. | North-west | 74 " | Rainy day. |
| " 31.. | " | 76 " | Cloudy day. |
| Aug. 1.. | West | 74 " | Fine day. |
| " 2.. | North | 76 " | Dull day. |
| " 3.. | North-east | 60 " | " |
| " 4.. | North | 73 " | Fine day. |
| " 5.. | North-west | 70 " | " |
| " 6.. | West | 66 " | Overcast. |
| " 7.. | South-west | 71 " | Rainy day. |
| " 8.. | West | 70 " | Cloudy day. |
| " 9.. | North-west | 68 " | Fine day. |
| " 10.. | West | 72 " | Rainy day. |
| " 11.. | North-east | 76 " | Fine day. |
| " 12 . | North | 74 " | " |
| " 13.. | South-east | 83 " | " |
| " 14.. | North-east | 77 " | Cloudy day. |
| " 15.. | North-west | 69 " | Fine day. |
| " 16.. | South-west | 64 " | " |
| " 17.. | East | 72 " | " |
| " 18.. | North-west | 70 " | " |
| " 19.. | East | 70 " | " |
| " 20.. | " | 65 " | " |
| " 21.. | " | 62 " | " |
| " 22.. | North-east | 71 " | " |
| " 23.. | South | 69 " | " |
| " 24.. | South-west | 76 " | " |
| " 25.. | South-east | 76 " | " |
| " 26.. | South-west | 92 " | " |
| " 27.. | North-east | 80 " | " |
| " 28.. | " | 72 " | " |
| " 29.. | South-west | 76 " | " |
| " 30.. | East | 70 " | " |
| " 31. | " | 66 " | " |
| Sept. 1.. | South-west | 74 " | " |
| " 2.. | West | 82 " | " |
| " 3.. | South-west | 82 " | " |
| " 4.. | East | 73 " | " |
| " 5. | West | 74 " | " |
| " 6.. | " | 76 " | " |
| " 7.. | East | 56 " | " |
| " 8.. | West | 64 " | " |
| " 9.. | East | 60 " | " |
| " 10.. | North-west | 58 " | " |
| " 11.. | South-west | 54 " | Rainy day. |
| " 12.. | North-west | 68 " | " |
| " 13.. | North-east | 58 " | Dull day. |
| " 14.. | East | 64 " | Fine day, |
| " 15.. | West | 54 " | " |
| " 16.. | " | 60 " | Rainy day. |
| " 17.. | North-west | 64 " | Dull day. |
| " 18.. | North-east | 54 " | Fine day. |
| " 19.. | South-west | 52 " | " |
| " 20.. | West | 56 " | Rainy day. |
| " 21.. | " | 66 " | " |
| " 22.. | " | 58 " | " |
| " 23.. | " | 60 " | Fine day. |
| " 24.. | South-west | 64 " | " |
| " 25.. | East | 58 " | " |
| " 26.. | West | 66 " | " |
| " 27.. | East | 65 " | " |
| " 28.. | " | 52 " | " |
| " 29.. | West | 60 " | " |
| " 30.. | South-east | 58 " | " |
| Oct. 1.. | West | 56 " | " |
| " 2.. | East | 60 " | " |
| " 3.. | West | 64 " | Dull day. |
| " 4.. | " | 74 " | Fine day. |
| " 5.. | " | 70 " | " |
| " 6.. | East | 54 " | Dull day. |

WEATHER REPORT FOR 1900—*Continued.*

| Date. | | Wind (at at 8 to 9 a.m.) | Temperature (at 8 to 9 a.m.) | Remarks. |
|---|---|---|---|---|
| Oct. | 7 | South-east | 60 above | Fine day. |
| " | 8 | North-west | 58 " | Rainy day. |
| " | 9 | East | 48 " | Dull day. |
| " | 10 | North-east | 48 " | Fine day. |
| " | 11 | East | 58 " | " |
| " | 12 | North-east | 63 " | " |
| " | 13 | West | 60 " | " |
| " | 14 | " | 59 " | " |
| " | 15 | East | 62 " | " |
| " | 16 | North-west | 62 " | Dull day. |
| " | 17 | North | 40 " | Fine day. |
| " | 18 | West | 44 " | " |
| " | 19 | East | 36 " | " |
| " | 20 | South-east | 42 " | " |
| " | 21 | South | 54 " | " |
| " | 22 | North-west | 68 " | " |
| " | 23 | West | 68 " | " |
| " | 24 | North-east | 66 " | " |
| " | 25 | East | 58 " | " |
| " | 26 | South-west | 60 " | " |
| " | 27 | East | 57 " | " |
| " | 28 | " | 58 " | Dull day. |
| " | 29 | South-west | 54 " | " |
| " | 30 | North-east | 46 " | Fine day. |
| " | 31 | West | 50 " | " |
| Nov. | 1 | West | 55 " | " |
| " | 2 | South-west | 56 " | " |
| " | 3 | North-east | 44 " | " |
| " | 4 | West | 54 " | " |
| " | 5 | North-east | 46 " | Rainy day. |
| " | 6 | East | 42 " | Fine day. |
| " | 7 | West | 44 " | Rainy day. |
| " | 8 | North-east | 46 " | " |
| " | 9 | East | 42 " | " First snow of season. |
| " | 10 | North-east | 36 " | Fine day. |
| " | 11 | " " | 30 " | " |
| " | 12 | West | 40 " | Dull day. |
| " | 13 | " | 30 " | Fine day. |
| " | 14 | North-east | 22 " | " |
| " | 15 | North | 30 " | " |
| " | 16 | North-east | 22 " | " |
| " | 17 | South-west | 26 " | " |
| " | 18 | " | 42 " | Heavy rain. |
| " | 19 | East | 26 " | Fine day. |
| " | 20 | West | 40 " | Rainy day. |
| " | 21 | " | 54 " | Heavy fog. |
| " | 22 | North-west | 36 " | Fine day. |
| " | 23 | North-east | 38 " | " |
| " | 24 | East | 28 " | " |
| " | 25 | North-east | 29 " | Heavy snow storm. |
| " | 26 | " | 31 " | Snowing. |
| " | 27 | " | 35 " | " |
| " | 28 | " | 18 " | " |
| " | 29 | East | 24 " | " |
| " | 30 | South-west | 30 " | Dull day. |
| Dec. | 1 | West | 36 " | Snowing. |
| " | 2 | " | 40 " | Dull day. |
| " | 3 | South-west | 36 " | Snowing. |
| " | 4 | East | 35 " | Dull day. |
| " | 5 | " | 24 " | Snowing. |
| " | 6 | South | 28 " | Fine day. |
| " | 7 | South-west | 22 " | " |
| " | 8 | South-east | 24 " | " |
| " | 9 | West | 20 " | " |
| " | 10 | South-west | 8 below | " Close of navigation, *Longueuil* left for winter quarters. |
| " | 11 | East | 9 above | Snowing. |
| " | 12 | North | Zero | Fine day. |
| " | 13 | East | 4 above | Snowing. |
| " | 14 | North-we | Zero | Fine day. |
| " | 15 | South | 15 above | " |

WEATHER REPORT FOR 1900—*Concluded.*

| (Wind (at 8 to 9 a.m.) | Temperature (at 8 to 9 a.m.) | Remarks. |
|---|---|---|
| North-east | 10 above | Fine day. |
| West | 10 " | Snowing. |
| East | 8 " | Cloudy day. |
| South-west | 27 " | Snowing. |
| North | 32 " | Cloudy day. |
| West | 20 " | Fine day. |
| South | 14 " | " |
| West | 37 " | " |
| South-east | 40 " | Dull day. |
| West | 32 " | Fine day. |
| North-east | 24 " | Snowing. |
| North | 11 " | Fine day. |
| North-east | 34 " | Snowing. |
| West | 30 " | " |
| South | 33 " | Fine day. |
| South-east | 37 " | Dull day. |

J. McSHANE,
*Harbour Master.*

# SUPPLEMENT

TO THE

HIRTY-FOURTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING PARTLY FOR THE FISCAL YEAR ENDED JUNE 30, 1901, AND PARTLY FOR THE CALENDAR YEAR 1901

# MARINE

# REPORTS

OF THE

# HARBOUR COMMISSIONERS

FOR

## ONTO, MONTREAL, QUEBEC, THREE RIVERS, BELLEVILLE, NORTH SYDNEY AND PICTOU

THE PILOTAGE AUTHORITIES

E HARBOUR AND SHIPPING MASTERS, CERTAIN PORT WARDENS, TOGETHER WITH STATEMENT OF WRECKS AND CASUALTIES.

CHIEFLY UP TO THE

31st DAY OF DECEMBER, 1901

*PRINTED BY ORDER OF PARLIAMENT*

OTTAWA
PRINTED BY S. E. DAWSON, PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1902

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# SUPPLEMENT

TO THE

THIRTY-FOURTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING PARTLY FOR THE FISCAL YEAR ENDED JUNE 30, 1901, AND PARTLY FOR THE CALENDAR YEAR 1901

# MARINE

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# REPORTS

OF THE

# HARBOUR COMMISSIONERS

FOR

## TORONTO, MONTREAL, QUEBEC, THREE RIVERS, BELLEVILLE, NORTH SYDNEY AND PICTOU

THE PILOTAGE AUTHORITIES

THE HARBOUR AND SHIPPING MASTERS, CERTAIN PORT WARDENS, TOGETHER WITH STATEMENT OF WRECKS AND CASUALTIES.

CHIEFLY UP TO THE

31st DAY OF DECEMBER, 1901

*PRINTED BY ORDER OF PARLIAMENT*

OTTAWA
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OTTAWA, September, 1902.

Hon. JAMES SUTHERLAND,
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith the Supplement to the thirty-fourth Annual Report of the Marine Branch of the Department of Marine and Fisheries, being for the year 1901, containing a statement of merchant shipping, wrecks and casualties; list of certificates granted to masters and mates; the reports of the harbour commissioners of Toronto, Belleville, Montreal, Quebec, Three Rivers and North Sydney; list of harbour masters; reports of harbours masters generally; reports of pilotage commissioners; reports of port wardens, and list of shipping masters.

I have the honour to be, sir,
Your obedient servant,

F. GOURDEAU,
*Deputy Minister of Marine and Fisheries.*

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# APPENDIX No. 1

# MERCHANT SHIPPING.

The total number of vessels remaining on the register books of the Dominion on the 31st December, 1901, including old and new vessels, sailing vessels, steamers and barges, was 6,792, measuring 664,483 tons register tonnage, being an increase of 57 vessels and an increase of 4,949 tons register, as compared with 1900. The number of steamers on the registry books on the same date was 2,177 with a gross tonnage of 298,421 tons. Assuming the average value to be $30 per ton, the value of the registered tonnage of Canada, on the 31st December last, would be $19,934,490.

The number of new vessels built and registered in the Dominion of Canada during the last year was 335, measuring 34,481 tons register tonnage. Estimating the value of the new tonnage at $45 per ton, it gives a total value of $1,551,645 for new vessels.

A statement follows, showing the number of vessels and number of tons on the register books at the different ports of registry in the Dominion, on the 31st December last, along with a comparative statement of the tonnage from 1874 to 1901. A statement is also published of the number of vessels built and registered in the Dominion during the last year, and a comparative statement of the number of new vessels built, and registered from 1874 to 1901, both inclusive. A comparative statement is also given of the tonnage of the Maritime States of the world.

STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on the 31st December, 1901.

PROVINCE OF NEW BRUNSWICK.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| Chatham | 333 | 41 | 1,800 | 7,201 |
| Dorchester | 5 | Nil. | Nil. | 1,661 |
| Moncton | 14 | 1 | 20 | 2,700 |
| Richibucto | 18 | 4 | 129 | 2,772 |
| Sackville | 10 | 3 | 65 | 546 |
| St. Andrews | 151 | 7 | 591 | 3,103 |
| St. John | 384 | 70 | 7,698 | 57,310 |
| Total | 915 | 126 | 10,303 | 75,293 |

STATEMENT showing the number of Vessels and number of Tons on the Registry Books, &c.—*Continued.*

PROVINCE OF NOVA SCOTIA.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| Amherst | 5 | Nil. | Nil. | 118 |
| Annapolis | 47 | 1 | 32 | 4,894 |
| Arichat | 94 | 1 | 66 | 3,684 |
| Barrington | 47 | 1 | 48 | 1,548 |
| Canso | 20 | Nil. | Nil. | 425 |
| Digby | 112 | 3 | 124 | 5,085 |
| Guysboro' | 18 | Nil. | Nil. | 731 |
| Halifax | 428 | 57 | 7,162 | 19,952 |
| Liverpool | 79 | 4 | 239 | 6,830 |
| Lunenburg | 304 | 5 | 407 | 27,468 |
| Maitland | 17 | Nil. | Nil. | 12,910 |
| Parrsboro' | 129 | 2 | 216 | 29,367 |
| Pictou | 56 | 19 | 1,045 | 5,022 |
| Port Hawkesbury | 77 | 2 | 43 | 2,384 |
| Port Medway | 20 | 1 | 138 | 2,070 |
| Shelburne | 81 | 3 | 68 | 4,550 |
| Sydney | 100 | 13 | 802 | 6,482 |
| Truro | 1 | Nil. | Nil. | 122 |
| Weymouth | 35 | 1 | 21 | 2,813 |
| Windsor | 109 | 14 | 2,603 | 55,595 |
| Yarmouth | 201 | 26 | 4,750 | 22,509 |
| Total | 1,980 | 153 | 17,764 | 214,560 |

PROVINCE OF QUEBEC.

| | | | | |
|---|---|---|---|---|
| Amherst (Magdalen Islands) | 14 | Nil. | Nil. | 473 |
| Gaspé | 32 | 1 | 709 | 1,8[illegible] |
| Montreal | 570 | 204 | 63,816 | 95,7[illegible] |
| Paspebiac | 11 | 3 | 88 | 8[illegible] |
| Quebec | 638 | 143 | 22,192 | 43,6[illegible] |
| Total | 1,265 | 351 | 86,805 | 142,6[illegible] |

PROVINCE OF ONTARIO.

| | | | | |
|---|---|---|---|---|
| Amherstburg | 10 | 6 | 101 | 1[illegible] |
| Belleville | 19 | 15 | 352 | 6[illegible] |
| Bowmanville | 2 | Nil. | Nil. | [illegible] |
| Brockville | 23 | 22 | 478 | [illegible] |
| Chatham | 22 | 15 | 585 | 6[illegible] |
| Cobourg | 5 | 1 | 23 | 4[illegible] |
| Collingwood | 69 | 67 | 7,129 | 5,2[illegible] |
| Cornwall | 2 | 2 | 46 | 32 |
| Deseronto | 17 | 12 | 870 | 1,407 |
| Dunnville | 1 | Nil. | Nil. | 57 |
| Goderich | 35 | 27 | 871 | 1,295 |
| Hamilton | 49 | 41 | 6,114 | 5,026 |
| Kingston | 169 | 84 | 11,102 | 23,471 |
| Lindsay | 42 | 22 | 283 | 1,472 |
| Napanee | 1 | Nil. | Nil. | 122 |
| Oakville | 1 | Nil. | Nil. | 26 |
| Ottawa | 363 | 199 | 19,440 | 28,338 |
| Owen Sound | 43 | 40 | 5,374 | 3,975 |
| Peterborough | 36 | 32 | 1,035 | 916 |
| Picton | 21 | 11 | 2,884 | 3,602 |
| Port Arthur | 22 | 21 | 3,262 | 2,131 |

NAL PAPER No. 23

ENT showing the number of Vessels and number of Tons on the Registry Books, &c.—*Concluded.*

PROVINCE OF ONTARIO—*Concluded.*

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| vell | 7 | 5 | 53 | 140 |
| orne | 2 | 2 | 92 | 61 |
| er | 12 | 7 | 201 | 590 |
| e | 50 | 30 | 2,351 | 4,545 |
| an | 5 | 2 | 35 | 271 |
| ley | 7 | 7 | 1,115 | 691 |
| | 40 | 18 | 1,252 | 7,169 |
| ge | 8 | 8 | 485 | 253 |
| | 34 | 23 | 8,210 | 7,931 |
| | 11 | 10 | 527 | 408 |
| Marie | 32 | 28 | 1,697 | 3,511 |
| rines | 94 | 56 | 4,557 | 11,033 |
| | 294 | 220 | 21,327 | 19,982 |
| irg | 28 | 16 | 1,206 | 1,865 |
| | 3 | Nil. | Nil. | 514 |
| | 56 | 27 | 7,343 | 6,555 |
| Total | 1,635 | 1,076 | 110,400 | 145,227 |
| **PROVINCE OF PRINCE EDWARD ISLAND.** | | | | |
| town | 180 | 21 | 3,966 | 14,729 |
| **PROVINCE OF BRITISH COLUMBIA.** | | | | |
| tminster | 154 | 93 | 7,028 | 9,501 |
| r | 255 | 116 | 15,594 | 14,901 |
| | 267 | 142 | 35,843 | 37,700 |
| Total | 676 | 351 | 58,465 | 62,102 |
| **PROVINCE OF MANITOBA.** | | | | |
| | 130 | 88 | 6,751 | 7,445 |
| **YUKON DISTRICT.** | | | | |
| ity | 11 | 11 | 3,967 | 2,463 |
| **SUMMARY.** | | | | |
| swick | 915 | 126 | 10,303 | 75,293 |
| ia | 1,980 | 153 | 17,764 | 214,560 |
| | 1,265 | 351 | 86,805 | 142,664 |
| | 1,635 | 1,076 | 110,400 | 145,227 |
| id | 180 | 21 | 3,966 | 14,729 |
| lumbia | 676 | 351 | 58,465 | 62,102 |
| | 130 | 88 | 6,751 | 7,445 |
| strict | 11 | 11 | 3,967 | 2,463 |
| **Grand Total** | 6,792 | 2,177 | 298,421 | 664,483 |

**COMPARATIVE STATEMENT showing the Number of Vessels and Number of Tons on t Registry Books of the Dominion of Canada, on the 31st December in each Ye from 1874 to 1901, both inclusive.**

| Provinces. | 1874. | | 1875. | | 1876. | | 1877. | | 1878. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 1,144 | 294,741 | 1,133 | 307,926 | 1,154 | 324,513 | 1,133 | 329,457 | 1,142 | 335, |
| Nova Scotia | 2,787 | 479,669 | 2,786 | 505,144 | 2,867 | 529,252 | 2,961 | 541,579 | 3,003 | 553, |
| Quebec | 1,837 | 218,946 | 1,831 | 222,965 | 1,902 | 228,502 | 1,951 | 248,399 | 1,676 | 246, |
| Ontario | 815 | 113,008 | 825 | 114,990 | 889 | 123,947 | 926 | 131,761 | 958 | 135, |
| P. E. Island | 312 | 48,388 | 335 | 50,677 | 338 | 50,692 | 342 | 55,547 | 322 | 54, |
| B. Columbia | 35 | 3,611 | 40 | 3,685 | 40 | 3,809 | 43 | 3,479 | 51 | 4, |
| Manitoba | . . . . . | . . . . . | 2 | 178 | 2 | 178 | 6 | 246 | 17 | 1, |
| Total | 6,930 | 1,158,363 | 6,952 | 1,205,565 | 7,192 | 1,260,893 | 7,362 | 1,310,468 | 7,169 | 1,333, |

| | 1879. | | 1880. | | 1881. | | 1882. | | 1883. | |
|---|---|---|---|---|---|---|---|---|---|---|
| New Brunswick | 1,135 | 340,491 | 1,097 | 336,976 | 1,087 | 333,215 | 1,065 | 308,980 | 1,107 | 315, |
| Nova Scotia | 2,975 | 552,159 | 2,977 | 550,448 | 3,025 | 558,911 | 3,026 | 546,778 | 3,037 | 541, |
| Quebec | 1,975 | 246,025 | 1,889 | 233,341 | 1,830 | 224,936 | 1,754 | 215,804 | 1,739 | 216, |
| Ontario | 1,006 | 136,987 | 1,042 | 137,481 | 1,081 | 139,998 | 1,112 | 137,061 | 1,133 | 140, |
| P. E. Island | 298 | 49,807 | 288 | 45,931 | 273 | 45,410 | 248 | 41,684 | 241 | 40, |
| B. Columbia | 60 | 4,701 | 63 | 5,049 | 74 | 6,296 | 84 | 7,687 | 94 | 9 |
| Manitoba | 22 | 1,924 | 21 | 1,992 | 24 | 2,130 | 23 | 2,783 | 24 | 2 |
| Total | 7,471 | 1,332,094 | 7,377 | 1,311,218 | 7,394 | 1,310,896 | 7,312 | 1,260,777 | 7,375 | 1,276 |

| | 1884. | | 1885. | | 1886. | | 1887. | | 1888. | |
|---|---|---|---|---|---|---|---|---|---|---|
| New Brunswick | 1,096 | 308,131 | 1,060 | 288,589 | 1,042 | 269,224 | 1,027 | 255,126 | 1,009 | 23 |
| Nova Scotia | 2,942 | 544,048 | 2,988 | 541,832 | 2,929 | 526,921 | 2,845 | 498,878 | 2,851 | 48 |
| Quebec | 1,628 | 202,842 | 1,631 | 203,635 | 1,650 | 232,556 | 1,586 | 189,064 | 1,498 | 17 |
| Ontario | 1,184 | 142,387 | 1,223 | 144,487 | 1,248 | 140,929 | 1,275 | 139,548 | 1,330 | 13 |
| P. E. Island | 234 | 39,213 | 227 | 36,040 | 225 | 30,658 | 225 | 29,031 | 218 | 2 |
| B. Columbia | 116 | 11,403 | 123 | 11,834 | 134 | 11,900 | 149 | 12,789 | 167 | 1 |
| Manitoba | 55 | 5,722 | 63 | 5,439 | 65 | 5,578 | 71 | 5,871 | 69 | |
| Total | 7,255 | 1,253,747 | 7,315 | 1,231,856 | 7,293 | 1,217,766 | 7,178 | 1,130,307 | 7,142 | 1,08 |

| | 1889. | | 1890 | | 1891. | | 1892. | | 1893. | |
|---|---|---|---|---|---|---|---|---|---|---|
| New Brunswick | 1,013 | 218,873 | 981 | 209,460 | 969 | 193,193 | 946 | 181,779 | 1,010 | 15 |
| Nova Scotia | 2,855 | 464,431 | 2,793 | 464,194 | 2,778 | 461,758 | 2,731 | 425,690 | 2,715 | 39 |
| Quebec | 1,455 | 168,500 | 1,399 | 164,003 | 1,404 | 162,330 | 1,408 | 162,638 | 1,426 | 16 |
| Ontario | 1,352 | 141,839 | 1,312 | 138,738 | 1,345 | 138,914 | 1,347 | 141,750 | 1,370 | 14 |
| P. E. Island | 224 | 25,506 | 231 | 26,080 | 195 | 23,316 | 196 | 22,706 | 188 | 2 |
| B. Columbia | 176 | 15,241 | 196 | 16,024 | 246 | 19,767 | 298 | 23,448 | 315 | 2 |
| Manitoba | 77 | 6,091 | 79 | 6,475 | 78 | 6,197 | 81 | 6,118 | 89 | |
| Total | 7,152 | 1,040,481 | 6,991 | 1,024,974 | 7,015 | 1,005,475 | 7,007 | 964,129 | 7,113 | 91 |

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.RATIVE STATEMENT showing the Number of Vessels and Number of Tons on the Registry Books of the Dominion of Canada, &c.—*Concluded.*

| inces. | 1894. | | 1895. | | 1896. | | 1897. | | 1898. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| unswick | 1,003 | 136,257 | 975 | 122,417 | 964 | 115,506 | 923 | 103,584 | 903 | 89,257 |
| cotia... | 2,710 | 371,432 | 2,683 | 343,356 | 2,669 | 317,526 | 2,204 | 283,056 | 2,167 | 262,176 |
| ..... | 1,427 | 160,590 | 1,454 | 158,776 | 1,469 | 158,649 | 1,480 | 158,077 | 1,378 | 144,447 |
| ..... | 1,480 | 148,525 | 1,508 | 148,609 | 1,525 | 146,522 | 1,424 | 135,349 | 1,452 | 134,180 |
| sland... | 191 | 19,650 | 190 | 19,323 | 174 | 16,540 | 174 | 15,812 | 178 | 15,979 |
| mbia... | 336 | 26,455 | 346 | 25,988 | 363 | 26,622 | 364 | 28,604 | 444 | 40,304 |
| ba..... | 98 | 6,715 | 106 | 7,307 | 115 | 7,934 | 115 | 7,272 | 121 | 7,439 |
| al..... | 7,245 | 869,624 | 7,262 | 825,776 | 7,279 | 789,299 | 6,684 | 731,754 | 6,643 | 693,782 |

| | 1899. | | 1900. | | 1901. | |
|---|---|---|---|---|---|---|
| unswick..... | 920 | 86,288 | 927 | 78,708 | 915 | 75,293 |
| cotia..... | 2,121 | 243,457 | 2,121 | 226,817 | 1,980 | 214,560 |
| ..... | 1,375 | 144,586 | 1.247 | 138,136 | 1,265 | 142,664 |
| ..... | 1,488 | 135,234 | 1,610 | 141,112 | 1,635 | 145,227 |
| Edward Island..... | 171 | 14,660 | 176 | 14,251 | 180 | 14,729 |
| Columbia..... | 488 | 44,415 | 515 | 51,095 | 676 | 62,102 |
| a..... | 126 | 9,108 | 128 | 7,147 | 130 | 7,445 |
| District..... | 9 | 1,604 | 11 | 2,268 | 11 | 2,463 |
| Total..... | 6,698 | 679,352 | 6,735 | 659,534 | 6,792 | 664,483 |

**List of Ports at which Vessels may be Registered, showing the Number of New Vessels Built and Registered in the Dominion of Canada, during the Year ended 31st December, 1901.**

PROVINCE OF NEW BRUNSWICK.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| Chatham | 14 | 322 |
| Dorchester | Nil. | Nil. |
| Moncton | 1 | 353 |
| Richibucto | 2 | 31 |
| Sackville | Nil. | Nil. |
| St. Andrews | Nil. | Nil. |
| St. John | 8 | 435 |
| Total | 25 | 1,141 |

PROVINCE OF NOVA SCOTIA.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| Amherst | Nil. | Nil. |
| Annapolis | 5 | 849 |
| Arichat | 13 | 295 |
| Barrington | 2 | 30 |
| Canso | 4 | 58 |
| Digby | 13 | 535 |
| Guysboro' | Nil. | Nil. |
| Halifax | 3 | 67 |
| Liverpool | 8 | 1,872 |
| Lunenburg | 39 | 4,178 |
| Maitland | 2 | 612 |
| Parrsboro' | 13 | 2,494 |
| Pictou | 1 | 85 |
| Port Hawkesbury | 1 | 11 |
| Port Medway | 2 | 467 |
| Shelburne | 8 | 855 |
| Sydney | 4 | 56 |
| Truro | Nil. | Nil. |
| Weymouth | 2 | 237 |
| Windsor | 4 | 1,398 |
| Yarmouth | 9 | 561 |
| Total | 133 | 14,660 |

PROVINCE OF QUEBEC.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| Amherst (Magdalen Islands) | 1 | 13 |
| Gaspé | Nil. | Nil. |
| Montreal | 20 | 6,556 |
| Paspebiac | Nil. | Nil. |
| Quebec | 22 | 852 |
| Total | 43 | 7,421 |

PROVINCE OF ONTARIO.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| Amherstburg | Nil. | Nil. |
| Belleville | 2 | 6 |
| Bowmanville | Nil. | Nil. |
| Brockville | Nil. | Nil. |
| Chatham | Nil. | Nil. |
| Cobourg | Nil. | Nil. |
| Collingwood | Nil. | Nil. |
| Cornwall | Nil. | Nil. |
| Deseronto | Nil. | Nil. |
| Dunnville | Nil. | Nil. |
| Goderich | 2 | 46 |
| Hamilton | 1 | 4 |
| Kingston | 10 | 1,107 |
| Lindsay | 4 | 19 |
| Morrisburg | Nil. | Nil. |
| Napanee | Nil. | Nil. |
| Oakville | Nil. | Nil. |
| Ottawa | 8 | 193 |
| Owen Sound | 4 | 77 |
| Peterborough | 4 | 53 |
| Picton | Nil. | Nil. |
| Port Arthur | 3 | 81 |
| Port Burwell | Nil. | Nil. |
| Port Colborne | Nil. | Nil. |
| Port Dover | Nil. | Nil. |
| Port Hope | 1 | 5 |
| Port Rowan | Nil. | Nil. |
| Port Stanley | 1 | 22 |
| Prescott | Nil. | Nil. |
| Rat Portage | 6 | 233 |
| Sarnia | 1 | 58 |
| Saugeen | 1 | 5 |
| Sault Ste. Marie | 1 | 107 |
| St. Catharines | 4 | 345 |
| Toronto | 9 | 304 |
| Wallaceburg | Nil. | Nil. |
| Whitby | Nil. | Nil. |
| Windsor | Nil. | Nil. |
| Total | 62 | 2,665 |

PROVINCE OF PRINCE EDWARD ISLAND.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| Charlottetown | 6 | 589 |

**Lists of Ports at which Vessels may be Registered, showing the number of New Vessels built and registered, &c.—*Concluded.***

PROVINCE OF BRITISH COLUMBIA.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| New Westminster | 19 | 872 |
| Vancouver | 10 | 2,753 |
| Victoria | 33 | 4,103 |
| Total | 62 | 7,728 |
| **PROVINCE OF MANITOBA.** | | |
| Winnipeg | 3 | 112 |
| **YUKON DISTRICT.** | | |
| Dawson City | 1 | 165 |

SUMMARY.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| New Brunswick | 25 | 1,141 |
| Nova Scotia | 133 | 14,660 |
| Quebec | 43 | 7,421 |
| Ontario | 62 | 2,665 |
| Prince Edward Island | 6 | 589 |
| British Columbia | 62 | 7,728 |
| Manitoba | 3 | 112 |
| Yukon District | 1 | 165 |
| Total | 335 | 34,481 |

**Comparative Statement of New Vessels Built and Registered in the Domin**
**1901, b**

| Provinces. | 1874. | | 1875. | | 1876. | | 1877. | | 1878. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 90 | 42,027 | 65 | 33,483 | 61 | 31,040 | 54 | 31,158 | 56 | 27 |
| Nova Scotia | 175 | 84,480 | 177 | 67,106 | 194 | 58,771 | 219 | 47,980 | 166 | 4 |
| Quebec | 73 | 20,796 | 103 | 22,825 | 51 | 17,800 | 62 | 19,253 | 46 | 1 |
| Ontario | 50 | 10,797 | 53 | 7,760 | 47 | 5,397 | 28 | 3,316 | 30 | |
| Prince Edward Island | 88 | 24,634 | 83 | 19,838 | 62 | 14,571 | 62 | 17,026 | 38 | 1 |
| British Columbia | 5 | 276 | .... | ..... | 1 | 121 | 2 | 204 | 2 | |
| Manitoba | ... | ..... | ... | ..... | .... | ..... | 3 | 48 | 1 | |
| | 481 | 183,010 | 481 | 151,012 | 416 | 127,700 | 430 | 118,985 | 339 | 10 |
| Add new vessels built in Canada which proceeded to the United Kingdom under a Governor's pass without being registered | 6 | 7,746 | .. | ..... | 3 | 2,721 | 2 | 1,943 | 1 | |
| Add new vessels which left Quebec for registration in Germany | .... | ..... | .... | ..... | 1 | 480 | .. | ..... | .... | ... |
| Total | 487 | 190,756 | 481 | 151,012 | 420 | 130,901 | 432 | 120,928 | 340 | 10 |

| Provinces. | 1888. | | 1889. | | 1890. | | 1891. | | 1892. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 32 | 2,530 | 50 | 4,792 | 35 | 5,572 | 43 | 6,269 | 21 | |
| Nova Scotia | 116 | 12,965 | 126 | 19,645 | 150 | 33,907 | 130 | 35,528 | 105 | 1 |
| Quebec | 23 | 2,669 | 27 | 3,759 | 25 | 4,880 | 46 | 4,200 | 34 | |
| Ontario | 62 | 5,095 | 45 | 3,259 | 41 | 4,917 | 44 | 2,662 | 34 | |
| Prince Edward Island | 12 | 1,412 | 12 | 1,503 | 12 | 2,008 | 5 | 1,000 | 9 | |
| British Columbia | 18 | 448 | 12 | 840 | 15 | 876 | 41 | 2,364 | 46 | |
| Manitoba | 1 | 11 | 8 | 548 | 7 | 218 | 3 | 122 | 6 | |
| Yukon District | .... | ..... | .... | ..... | .... | ..... | ... | ..... | .... | ... |
| | 264 | 25,130 | 280 | 34,346 | 285 | 52,378 | 312 | 52,145 | 255 | 2 |
| Add new vessels built in Canada which proceeded to the United Kingdom under a Governor's pass without being registered | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | .... |
| Add new vessels which left Quebec for registration in Germany | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | .... |
| Total | 264 | 25,130 | 280 | 34,346 | 285 | 52,378 | 312 | 52,145 | 255 | 2 |

of Canada during the Year ended 31st December, in each Year, from 1874 to inclusive.

| 1879. | | 1880. | | 1881. | | 1882. | | 1883. | | 1884. | | 1885. | | 1886. | | 1887. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| 43 | 19,067 | 63 | 18,896 | 57 | 18,259 | 66 | 16,820 | 72 | 21,103 | 46 | 12,888 | 34 | 7,736 | 34 | 4,931 | 18 | 2,909 |
| 126 | 39,208 | 126 | 31,257 | 150 | 40,465 | 117 | 26,711 | 202 | 35,765 | 178 | 42,032 | 102 | 24,703 | 93 | 20,948 | 87 | 12,310 |
| 29 | 7,421 | 33 | 8,219 | 56 | 5,673 | 26 | 6,785 | 42 | 6,594 | 32 | 3,815 | 29 | 4,556 | 27 | 2,683 | 28 | 2,888 |
| 42 | 2,464 | 44 | 3,610 | 54 | 5,111 | 55 | 4,369 | 34 | 4,311 | 58 | 4,446 | 45 | 4,509 | 52 | 2,075 | 66 | 2,993 |
| 20 | 5,279 | 21 | 3,359 | 15 | 4,351 | 15 | 3,508 | 17 | 5,343 | 21 | 5,189 | 11 | 1,707 | 12 | 1,318 | 7 | 601 |
| 5 | 788 | .... | ..... | 2 | 85 | 8 | 1,631 | 5 | 849 | 15 | 675 | 6 | 648 | 8 | 154 | 9 | 376 |
| .... | ..... | 1 | 100 | 3 | 116 | 1 | 289 | 2 | 125 | 37 | 3,366 | 13 | 320 | 3 | 98 | 8 | 439 |
| 265 | 74,227 | 288 | 65,441 | 337 | 74,060 | 288 | 60,113 | 374 | 74,090 | 387 | 72,411 | 240 | 44,179 | 229 | 32,207 | 223 | 22,516 |
| .... | .... | .... | ..... | .... | .... | 1 | 1,029 | .... | .... | .... | ..... | .... | .... | .... | ..... | .... | ..... |
| .... | ..... | .... | ..... | .... | ..... | .... | .... | .... | ..... | .... | ..... | .... | ..... | .... | .... | .... | ..... |
| 265 | 74,227 | 288 | 65,441 | 337 | 74,060 | 289 | 61,142 | 374 | 74,090 | 387 | 72,411 | 240 | 44,179 | 229 | 32,207 | 223 | 22,516 |

| 1893. | | 1894. | | 1895. | | 1896. | | 1897. | | 1898. | | 1899. | | 1900. | | 1901. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| 119 | 2,819 | 40 | 2,534 | 27 | 714 | 24 | 627 | 33 | 1,738 | 31 | 790 | 31 | 798 | 22 | 762 | 25 | 1,141 |
| 111 | 15,089 | 128 | 8,721 | 89 | 4,762 | 97 | 7,704 | 54 | 4,259 | 67 | 4,962 | 92 | 7,594 | 117 | 9.416 | 133 | 14,660 |
| 53 | 4,220 | 55 | 4,412 | 49 | 4,335 | 36 | 3,969 | 49 | 4,227 | 51 | 4,139 | 35 | 5,943 | 50 | 4,301 | 43 | 7,421 |
| 49 | 4,126 | 64 | 3,137 | 52 | 3,732 | 38 | 1,757 | 50 | 3,850 | 46 | 1,872 | 52 | 3,419 | 58 | 3,734 | 62 | 2,665 |
| 3 | 634 | 3 | 183 | 1 | 196 | 3 | 111 | 3 | 226 | 5 | 372 | 3 | 56 | 3 | 106 | 6 | 589 |
| 19 | 944 | 25 | 1,900 | 18 | 1,709 | 22 | 1,466 | 26 | 2,429 | 72 | 12,228 | 51 | 2,734 | 43 | 3,837 | 62 | 7,728 |
| 8 | 608 | 11 | 356 | 14 | 822 | 7 | 512 | 16 | 365 | 6 | 159 | 13 | 554 | 3 | 109 | 3 | 112 |
| .... | . | ... | ..... | .... | ... . | .... | ..... | .... | ..... | .... | .. ... | .... | ..... | 1 | 61 | 1 | 165 |
| 362 | 28,440 | 326 | 21,243 | 250 | 16,270 | 227 | 16,146 | 231 | 17,094 | 278 | 24,522 | 277 | 21,098 | 297 | 22,326 | 335 | 34,481 |
| .... | ... | .... | ..... | .... | ..... | .... | ... | .... | ..... | .. . | ..... | ... | ..... | .. | .... | .... | ..... |
| .... | ..... | .. | ..... | .... | ..... | .... | .... | ... | .... | ... | ..... | .... | ..... | ... | ..... | .... | ..... |
| 362 | 28,440 | 326 | 21,243 | 250 | 16,270 | 227 | 16,146 | 231 | 17,094 | 278 | 24,522 | 277 | 21,098 | 297 | 22,326 | 335 | 34,481 |

STATEMENT showing the Tonnage of each of the Maritime States of the World compiled from the Répertoire Général for 1901–1902.

| Nationality. | Steamers. | Gross Tonnage of Steamers. | Net Tonnage of Steamers. | Sailing Vessels. | Net Tonnage of Sailing Vessels. | Total Net Tonnage. |
|---|---|---|---|---|---|---|
| British, including Canada and the Colonies | 7,902 | 12,847,436 | 7,944,095 | 7,310 | 2,360,243 | 10,304,338 |
| American | 794 | 1,376,254 | 916,753 | 3,820 | 1,402,123 | 2,318,876 |
| German | 1,350 | 2,463,416 | 1,561,078 | 1,210 | 545,807 | 2,106,885 |
| Norwegian | 866 | 794,337 | 507,158 | 2,047 | 885,938 | 1,393,096 |
| French | 850 | 1,123,429 | 547,895 | 1,745 | 413,364 | 961,259 |
| Italian | 351 | 674,673 | 435,426 | 1,550 | 511,653 | 947,079 |
| Canadian (664,483) | ... | ... | ... | ... | ... | ... |
| Russian | 659 | 565,533 | 347,375 | 2,713 | 503,320 | 850,695 |
| Spanish | 489 | 745,274 | 459,793 | 623 | 101,875 | 561,668 |
| Swedish | 672 | 439,430 | 314,572 | 1,656 | 293,290 | 607,862 |
| Dutch | 318 | 514,493 | 330,132 | 686 | 121,817 | 451,949 |
| Danish | 377 | 440,882 | 256,631 | 889 | 131,096 | 387,727 |
| Grecian | 150 | 221,143 | 139,187 | 928 | 181,610 | 320,797 |
| Japanese | 511 | 539,743 | 338,354 | 1,524 | 171,821 | 510,175 |
| Turkish | 107 | 110,116 | 58,861 | 917 | 176,931 | 235,792 |
| Austrian | 243 | 473,652 | 294,960 | 123 | 27,934 | 322,894 |
| Brazilian | 228 | 144,343 | 91,465 | 345 | 77,052 | 168,517 |
| Chilian | 50 | 64,136 | 39,243 | 94 | 43,698 | 82,941 |
| Belgian | 164 | 177,427 | 121,684 | 9 | 2,445 | 124,129 |
| Portuguese | 44 | 47,727 | 29,443 | 242 | 56,719 | 86,162 |
| Argentine | 101 | 62,997 | 38,770 | 152 | 38,112 | 76,882 |
| Hawaiian | ... | ... | ... | 9 | 2,049 | 2,049 |
| Peruvian | 5 | 6,377 | 4,253 | 55 | 23,129 | 27,382 |
| Chinese | 27 | 30,773 | 17,788 | 13 | 1,753 | 19,541 |
| Uruguay | 25 | 13,398 | 10,037 | 62 | 19,983 | 30,020 |
| Roumanian | 28 | 24,981 | 14,757 | 24 | 4,354 | 19,111 |
| Egyptian | 9 | 5,666 | 3,530 | 6 | 1,481 | 5,011 |
| Mexican | 24 | 13,306 | 7,957 | 48 | 8,761 | 16,718 |
| Nicaragua | 2 | 783 | 420 | 18 | 10,032 | 10,452 |
| Guatemala | ... | ... | ... | 13 | 2,330 | 2,330 |
| Siamese | 4 | 1,260 | 697 | 12 | 4,088 | 4,785 |
| Venezuelan | 10 | 3,821 | 2,043 | 17 | 2,590 | 4,633 |
| Arabian | ... | ... | ... | 5 | 4,281 | 4,281 |
| Haytian | 5 | 2,122 | 893 | 12 | 1,948 | 2,841 |
| Montenegrian | 1 | 60 | 30 | 16 | 3,647 | 3,677 |
| Colombian | 1 | 881 | 457 | 5 | 1,118 | 1,575 |
| Zanzibar | 2 | 2,478 | 1,656 | ... | ... | 1,656 |
| Persian | 1 | 838 | 579 | 1 | 608 | 1,187 |
| Bolivian | ... | ... | ... | 2 | 1,527 | 1,527 |
| Bulgarian | 2 | 1,977 | 1,295 | 2 | 182 | 1,477 |
| San Domingo | ... | ... | ... | 9 | 1,479 | 1,479 |
| Corean | 3 | 1,545 | 1,168 | ... | ... | 1,168 |
| Costa Rica | 3 | 1,120 | 686 | 2 | 551 | 1,237 |
| Sarawak | 2 | 700 | 439 | 1 | 347 | 786 |
| Liberian | 2 | ... | ... | 3 | 916 | 916 |
| Ecuador | ... | ... | ... | 1 | 257 | 257 |
| Tunisian | 1 | 75 | 11 | 3 | 565 | 576 |
| San Salvador | ... | ... | ... | 3 | 514 | 514 |
| Borneo | 1 | 363 | 235 | ... | ... | 235 |
| Paraguay | 1 | 282 | 232 | ... | ... | 232 |
| Servian | 1 | 264 | 112 | ... | ... | 112 |
| Honduras | 3 | 1,920 | 1,185 | 2 | 199 | 1,384 |
| Cuban | 40 | 32,228 | 20,584 | 132 | 12,240 | 32,824 |
| Unknown | 27 | 19,268 | 11,926 | 61 | 11,681 | 23,607 |
| Colorada | ... | ... | ... | 1 | 354 | 354 |
| Total | 16,454 | 23,982,927 | 14,875,845 | 29,121 | 8,169,812 | 23,045,657 |

# APPENDIX No. 2.

## TORONTO HARBOUR COMMISSIONERS' REPORT FOR THE YEAR 1901.

SECRETARY of the Toronto Harbour Trust in account with the Commissioners for the year ending December 31, 1901.

DR. GENERAL BALANCE SHEET. CR.

| | $ cts. | | $ cts. |
|---|---|---|---|
| Wharf property | 43,073 72 | Profit and loss | 58,785 13 |
| Office furniture | 591 91 | | |
| C. P. & W.C. Mortg. Co. Bonds | 9,000 00 | | |
| Cash on dep. in bank | 6,106 79 | | |
| Cash on hand | 12 71 | | |
| | 58,785 13 | | 58,785 13 |

We have examined the books and vouchers and have compared the balance sheet, as above, with the said books and vouchers, and we certify the same to be correct, and to represent a true statement of the affairs of the Trust at this date, December 31, 1901.

W. R. HARRIS,
S. BRUCE HARMAN,
*Auditors.*

ARTHUR B. LEE, *Chairman.*
JAS. T. MATTHEWS,
A. E. KEMP,
W. L. BELL,
FRED. H. RICHARDSON,
*Commissioners.*

COLIN W. POSTLETHWAITE,
*Harbour Master.*

TORONTO, January 1, 1902.

RECEIPTS and Expenditure of the Toronto Harbour Trust for the year 1901.

| RECEIPTS. | $ cts. | EXPENDITURE. | $ cts. |
|---|---|---|---|
| Cash in bank January 1 | 10,423 91 | Charges | 322 00 |
| " on hand " 1 | 16 20 | Salaries | 2,000 00 |
| Canadian Pacific Railway | 4,000 00 | Lights, buoys and beacons | 113 72 |
| Harbour dues | 6,840 96 | Repairs | 2,835 92 |
| City of Toronto, placing buoys | 66 67 | Printing and stationery | 54 14 |
| Rent boat-house sites | 7 00 | Dredging | 4,741 84 |
| Sale of old material | 113 10 | Office expenses and rent | 671 26 |
| Fines | 80 00 | Debenture | 5,000 00 |
| Interest on deposit account | 208 75 | Engineer's fees | 55 00 |
| Premium and interest account | 226 18 | Solicitor's fees | 20 00 |
| | | Flag for Q wharf | 16 64 |
| | | Fines refunded | 30 00 |
| | | Notice—dumping earth | 2 75 |
| | | Cash in bank | 6,106 79 |
| | | " on hand | 12 71 |
| | 21,982 77 | | 21,982 77 |

Examined and found correct,

W. R. HARRIS,
S. BRUCE HARMAN,
*Auditors.*

TORONTO, January 1,. 1902.

GOODS arrived per Steamer and Sailing Vessels for the years 1900 and 1901.

| Description of Goods. | 1900. | 1901. |
|---|---|---|
| General merchandise ... tons | 20,294 | 24,949 |
| Coal ... " | 164,806 | 183,831 |
| Wood ... cords | 1,283 | |
| Lake stone ... toise | 2,490 | 2,595 |
| Fruit in packages ... brls. | 5,285 | 1,795 |
| " ... crates | 4,709 | 7,122 |
| " ... baskets | 508,729 | 392,267 |
| " ... bags | 725 | 821 |
| Fire bricks | 473,700 | 46,600 |
| Sheep, hogs and calves | 155 | |
| Horses, cattle and vehicles | 122 | 93 |
| Oil in bulk ... brls. | 25,000 | 23,783 |
| Ice ... tons | 2,518 | 6,777 |

COLIN W. POSTLETHWAITE,
*Harbour Master.*

## FIFTY-FIRST ANNUAL REPORT.

To the Commissioners of the Harbour of Toronto :

GENTLEMEN,—I have the honour to submit my report for the year 1901.

The harbour was clear of ice on the 5th April, having been closed to navigation for 113 days, which is about the average period.

The harbour froze over on the 6th December, and it is still solid.

The first arrival this season was the stone-hooker *Swallow*, Captain Stephen Peer, on the 12th March, with stone from Port Credit. The last vessel to arrive was the ss. *Lakeside*, Captain Wygle, on the 12th December, with passengers and cargo from St. Catharines.

The number of vessels which arrived in this port during the season of 1901 is 3,490, being an increase of 21 over 1900.

| — | 1900. | 1901. | Increase. | Decrease. | Tonnage. | |
|---|---|---|---|---|---|---|
| | | | | | 1900. | 1901. |
| Propellers, loaded | 457 | 464 | 7 | ... | 127,382 | 198,270 |
| " light | 33 | 42 | 9 | ... | | |
| Steamers, loaded | 2,244 | 2,248 | 4 | ... | 909,932 | 926,477 |
| " light | 2 | 11 | 9 | ... | | |
| Vessels, loaded | 724 | 713 | ... | 11 | 72,470 | 78,840 |
| " light | 9 | 12 | 3 | ... | | |
| | 3,469 | 3,490 | 32 | 11 | 1,109,784 | 1,203,593 |

The cash receipts from all sources, including cash on hand from last year, amount to $21,982.77.

Expenditures of all kinds amount to $15,863.26, leaving a cash balance of $6,119.51.

Coal receipts by vessel for the season are as below, viz, anthracite coal 155,009 tons, bituminous coal 28,822 tons, in all 183,831 tons, being an increase of 19,025 tons over last year. There was a strike at the mines in October, 1900, which may account for the increase this year.

The total amount of coal imported into Toronto during the year, according to Government returns, is as below, viz., anthracite coal 1,421,488 tons, bituminous coal 364,580 tons, total 786,069 tons as against 761,610 tons in 1900.

Prior to the opening of navigation the Commissioners saw their way toward making a material reduction in the tolls. This reduction amounted to 42·84 per centum of last year's schedule. The consequent falling-off in the revenue was only 36·58 per centum of the receipts of last year, showing, I think, a very healthy condition in the shipping trade.

This has been far from a good fruit season. The number of packages imported by water is 402,448 in 1901 as against 519,540 in 1900, a falling-off of 117,092 packages.

The dredging in the harbour was comparatively light this year, there being no spring freshet in the river Don this season ; another instance, were one required, of the mischief done to the harbour by the debris flowing down this river. This is the second time in 17 years that we have escaped a spring freshet in the Don.

A considerable quantity of dredging, however, was done at the entrance to the Queen's Wharf channel, and this approach was still further improved by the removal of the White lighthouse to the western end of the dock, thus altering the Range Course, into deeper water.

The highest water for the year was 12 inches above zero, on the 25th June ; the lowest water was 15 inches below zero, on the 10th December. The average for the year was ¾ inch below zero, being 2½ inches below the average of 1900.

The lamps were lighted for the first time on April 3, and they were discontinued on December 3.

The buoys were placed out on April 17, and taken up on November 27.

There are 75 vessels wintering in this port this year, viz., 18 propellers, 9 side-wheelers, 18 sailing vessels, 9 steam ferries, 14 yachts, 8 steam launches, 4 steam tugs, also 5 dredges with their scows, representing in all 13,706 tons register.

The Island fog horn was sounded 38 times during the season, viz., in April, 4 times; in May, 17 times; in June, thrice; in July, twice; in August, 4 times; in September, thrice; in October, twice; in November, once, and in December, twice.

The Government engineer, Major Henry A. Gray, reports as follows: 'On the 10th February, 1901, a contract was let to Messrs. M. Magann & Phin for an extension of the west pier of the Eastern Channel, for a length of 800 feet, 600 feet of the work has been completed, and the other 200 feet at the outer end merely requires a superstructure to be placed upon it, which will be done as soon as the weather will permit in the spring of the ensuing year.

"Dredging has been carried on in the Eastern Channel, and a minimum depth of "14½ feet was found to exist from the lake into the harbour, when soundings were "taken at the close of the present season."

The Government suction dredge, recently built in this city for the Public Works Department was engaged for a short time in the eastern part of the harbour, by order of the Hon. the Minister.

Repairs to the crib-work on the east side of the roadway leading to the Queen's Wharf, were completed on the 14th January, according to contract, at a total cost of $2,550.50.

The precipitation for the year, per information furnished by Mr. R. F. Stupart, Director of the Meteorological Observatory, is as follows, viz.: Rain, 25·200 inches; snow reduced to water, 7·07; total, 32·270 inches, about 3 inches more than last year.

I am, gentlemen,
Your obedient servant,

COLIN W. POSTLETHWAITE,
*Harbour Master.*

TORONTO HARBOUR WORKS,
TORONTO, January 9, 1902.

SIR,—I have the honour to report that the following quantities of dredging were done at the wharfs and slips, and at the range course of the Western Channel, by Messrs. McNamee & Simpson, at the rate of 10 cents a cubic yard for the wharfs and slips, and 15 cents at the Western Channel. The material dredged was dumped in 100 feet of water, as required by the Board of Health.

| | Cubic yards. |
|---|---|
| Medlar & Arnot's Wharf | 1,692 |
| Elias Rogers Co.'s Wharf and entrance | 7,856 |
| Princess Street Slip | 3,582 |
| Conger Coal Co.'s Wharf | 899 |
| Western Channel, range course | 18,961 |
| Total | 32,990 |

The Range Course was dredged 120 feet in width, to 14 feet of water, but during the ensuing season it should be dredged 80 feet more in width, making a total of 200 feet, which has been maintained for several years.

The White Lighthouse indicating the direction of the range course when in line with Red Lighthouse, was moved about 30 feet to the north-west corner of the Queen's Wharf, the new bearing being north 29′ 30″ east. This change was made to avoid dredging on the north-west point of the shoal, which has extended 400 feet in ten years and is steadily increasing. The present lake level is 5½ inches below the zero gauge.

The deposit from the Bathurst Street and Garrison Creek sewers has increased to such an extent, that the soundings show only 7½, 8 and 9 feet of water in the centre of the channel, south of the Deputy Harbour Master's house, and vessels entering the harbour have to keep close to the breakwater to ensure from 11 to 13 feet of water. This deposit should be dredged at the expense of the city. I would call the attention of the Board to a clause in the report of the city engineer, on the disposal of the city sewage, page 33, which clearly shows that the construction of the trunk sewer cannot be longer delayed: 'It may be of interest to point out that at present we are discharging into the Bay and its vicinity about 25 tons of mineral and 20 tons of organic matter per day, which is equal to about 6,500 cubic yards of solid matter per annum.' On looking over the measuring flow of sewage as it appears in the city engineer's report for 1900, page 30, which was carefully taken in detail for each sewer, the average of imperial gallons per day is stated to be 20,745,473, which, as above stated, deposits yearly 6,500 cubic yards. This is the dry weather flow, and does not include the discharge by the River Don, which averages about 12,000 cubic yards per annum. This deposit of course would be avoided if the River Don was diverted.

I remain,
Your obedient servant,

KIVAS TULLY,
*Engineer.*

A. B. LEE, Esq.,
Chairman Toronto Harbour Commissioners.

# APPENDIX No. 3

## QUEBEC HARBOUR COMMISSIONERS' REPORT FOR THE YEAR ENDED DECEMBER 31, 1901.

(*Under the Quebec Harbour Commissioners' Act, 1889.*)

QUEBEC, January 2, 1902.

To the Honourable JAMES SUTHERLAND, M.P.,
Acting Minister of Marine and Fisheries,
Ottawa.

SIR,—In compliance with the requirements of the Act 62-63 Victoria, chapter 34, (The Quebec Harbour Commissioners' Act, 1889), I have the honour to report as follows on the doings of the Quebec Harbour Commissioners for the year 1901.

### CHIEF ENGINEER'S REPORT.

The annexed report, (marked 'A'), from the Chief Engineer, Mr. St. Geo. Boswell, conveys information in regard to all matters coming under his care, in connection with the harbour works, and the various additions and repairs made to them and to the other properties of the Commissioners during the year.

### WHARFINGER'S REPORT.

The annexed report (marked 'B'), from the Wharfinger, Mr. Patrick Flynn, gives the usual information regarding the number of vessels using the Louise Docks, and the railway traffic over this portion of the Commissioners' property during the year 1901.

### HARBOUR MASTER'S REPORT.

The annexed report (marked 'C'), from the Harbour Master, Mr. James C. Sullivan, gives information in regard to the opening and closing of navigation in the harbour, formation of ice, disposal of ballast, &c. During the past season no ballast was allowed to be dumped into the river, all that was brought here being utilized in the Commissioners' works.

### LEASED PREMISES.

Renewals for one year of the premises leased have been given to Messrs. E. M. Lennon & Co., stores Nos. 7 and 8; John S. Thom, store No. 10; Quebec Coal Company, Reynar's wharf; A. R. Pruneau & Co., Marmette's wharf; Whitehead & Turner, shed on Wellington wharf; Joseph Gingras, East India wharf and store No. 5; G. M. Webster & Co., coal spaces on Embankment; J. C. O'Donnell, Ferd. Drouin, Julien Lapointe and A. E. Clint for their wood lots on the embankment.

The river front of Atkinson's wharf has been leased to Mr. W. Paul, jr., for the use of Str. *Préfontaine* for three years, and the coal bins on the pond side of this wharf for *one year* to Messrs. Benson & Borland.

Store No. 11, formerly occupied by Mr. Wm. Carrier, has been leased to Messrs. F. T. Thomas & Co., and store No. 4 and salt store No. 6 to Messrs. T. Davidson & Co. Of the stores and wharfs that the Commissioners are accustomed to lease, none were unoccupied during 1901.

### GREAT NORTHERN RAILWAY COMPANY AND GREAT NORTHERN ELEVATOR COMPANY.

Under the provisions of the Act 62-63 Victoria, chapter 35, the Commissioners agreed to guarantee the interest for twenty years at three per cent per annum on special bonds known as Quebec Grain Elevator Bonds, to be issued by the railway company to defray the cost of the grain elevator to the extent of $200,000.

Application having been made by the Great Northern Railway Company to change this guarantee from three per cent on $200,000 to two per cent on $300,000, the Commissioners agreed to same, and under the powers conferred upon them by the Act of the Parliament of Canada, 1 Edward VII., chapter 10, have guaranteed the interest at the rate of two per cent per annum for a period of twenty years on $300,000 of Quebec Grain Elevator Bonds.

The Great Northern Railway Company having, under the provisions of clause 8 of the Act 62-63 Victoria, chapter 35, and of clause 3 of the Act 63-64 Victoria, chapter 117, transferred their rights in the Commissioners' guarantee to the Great Northern Elevator Company. This transfer was accepted by the Commissioners by resolution passed at their meeting of the 19th of September last.

### SHIPMENTS EX-LEYLAND LINE.

The Leyland Line of steamers running in connection with the Great Northern Railway Company have loaded here eighteen full cargoes of grain and other general produce during the season 1901. Details of these shipments will be found in the Wharfinger's report.

We are further informed that the Great Northern Railway Company intend to very much increase their shipments during the incoming season, and to extend the conveyer galleries of their grain elevator to the river frontage of the Pointe-à-Carcy wharf, thus enabling them to use it to a much fuller extent and to load grain into three vessels at the same time.

### NEW WORKS AND WORKS UNDER CONSTRUCTION.

The principal new work commenced in 1901 was the building of a large freight shed on the Louise Embankment. This freight shed was completed in the fall of 1901 at a cost of $34,669.44. Details as to this shed and other works of the Commissioners will be found in the Chief Engineer's report.

### REPAIRS TO PROPERTY.

Careful attention has been paid during the year to the various properties of the Commissioners to maintain them and keep them in a first class condition. In this connection considerable work has been done to the stores Nos. 13 and 14, Cross Wall; store No. 4, East India wharf; store No. 8, Wellington wharf; and Atkinson's wharf. See Chief Engineer's report for particulars.

### BY-LAWS.

The Commissioners' by-laws, which they had thoroughly revised during the winter of 1901, were adopted at a special meeting held on the 16th of April last, and forwarded on the 8th of May following to the Department of Marine and Fisheries, Ottawa, to receive the approval of His Excellency the Governor General in Council.

VISIT OF DELEGATION OF MEMBERS OF THE SENATE AND HOUSE OF COMMONS, OTTAWA, TO INSPECT THE HARBOUR OF QUEBEC AND ITS IMPROVEMENTS.

Just previous to the closing of the Houses in May last (the discussions in the Commons in regard to the transportation facilities having aroused a good deal of interest), a number of members expressed a wish to visit and inspect the harbour of Quebec and the facilities that it could afford. Through the kind efforts of the Solicitor General, the Honourable Chs. Fitzpatrick, the matter was arranged, and on Saturday, the 11th of May, at 1 p.m., our distinguished visitors comprising over 150 Senators and Members of the House of Commons, arrived on the Louise Embankment by a special train kindly placed at their disposal by the Canadian Pacific Railway Company.

After examining the Commissioners' docks landing sheds, the Great Northern elevator, &c., the party took the steamers *Pilot* and *La Canadienne* and made a tour of the harbour, landing and examining the Quebec bridge works and site, returning to town in carriages. At the banquet in the evening, our visitors expressed themselves as delighted with what they had seen, and highly impressed with the facilities and advantages offered by the harbour of Quebec.

During their return trip the party were taken in charge by the Great Northern Railway Company and visited the great works now in operation at Shawenigan Falls.

During their stay in Quebec, our distinguished visitors were the guests of the City, the Board of Trade and the Quebec Harbour Commissioners.

The Commissioners desire to express their sense of the obligation that they are under to the Honourable the Solicitor General in thus enabling them to place before our legislators from all parts of the Dominion in such a practical manner the advantages and facilities for development that are in the Harbour of Quebec.

ELECTION BY SHIPPING INTEREST AND BOARDS OF TRADE.

At the meeting of the Commissioners held on the 12th of August, certificates were received from the Shipping Interest, informing that the Honourable John Sharples, M.L.C., and Felix Carbray, Esq., had been electedas their representatives on the Commission for the ensuing term of three years.

On the same date (12th August) letters were received from the Secretary of the Board of Trade, Quebec, that the Honourable R. R. Dobell, M.P., P.C., had been elected as their representative on the Commission for the ensuing term of three years, and from the Secretary of the Board of Trade, Lévis, stating that Etienne Dussault, Esq., had been elected as their representative on the Commission for the same period.

The composition of the Board is now as follows: J. B. Laliberté, Chairman, Narcisse Rioux, Honourable R. R. Dobell, M.P., P.C., W. M. Macpherson, Honourable John Sharples, M.L.C., Dosithé Arcand, Félix Carbray, Harold Kennedy and Etienne Dussault.

COMPARATIVE MERITS OF THE NORTH AND SOUTH CHANNELS OF THE RIVER ST. LAWRENCE.

On the 17th May, at the request of the Hon. Mr. Dobell, a special meeting was held to inquire into the comparative merits of the North and South channels, supposing the first named was properly dredged so as to render it available. At this meeting, the following gentlemen were examined on this subject:

L. E. Morin, Esq., President of the Corporation of Pilots,
J. U. Gregory, Esq., agent, Department of Marine and Fisheries, Quebec.
Capt. Rioux, of the R. & O. Navigation Company.
Capt. Koenig, of the Department of Marine and Fisheries.
Capt. Garrod, of the ss. *Simonsides*.
C. Auger, President of the committee of Montreal Pilots,
Pilot Jos. S. Brown.
Pilot Corriveau.
Mr. Thos. Harling, Manager, Leyland Line.

WINTER NAVIGATION.

At the meeting of the Quebec Harbour Commissioners, held on the 4th of March, the following resolution was passed relating to winter navigation, and a copy of it forwarded to the Honourable Sir Louis H. Davies, M.P., the then Minister of Marine and Fisheries.

'*Resolved:* That the Quebec Harbour Commissioners, after a careful inquiry into the feasibility of establishing winter navigation in the Gulf and River St. Lawrence, during which inquiry they obtained the opinions and experience of a number of the best pilots and master mariners plying in the Lower St. Lawrence, are fully convinced that the Gulf and River St. Lawrence can be safely navigated during the winter months by first-class iron or steel steamers and such additional and necessary improvements being made to the lights of the Lower St. Lawrence as would be required for such a winter service.'

On the 24th of September, the Chairman sent the following letter to the Right Honourable the Premier on the same subject:

'QUEBEC, September 24, 1901.

'Right Honourable
'Sir WILFRID LAURIER,
'Premier,
'Ottawa.

'DEAR SIR,—The Quebec Harbour Commissioners had before them at their last meeting the question of winter navigation of the St. Lawrence River, and they then expressed the opinion that, from all the information they had gathered, such winter navigation was perfectly feasible, and requested me to write to you and to strongly urge upon you the advisability of your Government taking some practical steps to put the matter to a test.

'The Commissioners have given the question a good deal of thought, they have had the opinion of a number of the pilots and have also examined a number of skilled navigators of the Lower St. Lawrence, and the consensus of the opinions thus received have been in favour of the feasibility of this winter navigation.

'The Commissioners have also requested me to urge upon you the necessity of constructing at once the second permanent pier in the Traverse, in the general interests and safety of the St. Lawrence route, and as an absolute necessity for winter navigation.

'I am, sir,
'Your most obedient servant,

'(Signed) J. B. LALIBERTÉ,
'*Chairman.*'

CANADIAN ELECTRIC LIGHT CO.

Permission has been given to the Canadian Electric Light Company to lay their cables in the Clear Water Space, the conditions for this being the same as those imposed on the Bell Telephone Company and the Great North-western Telegraph Company for a similar permission.

REVENUE AND EXPENDITURE.

The revenue of the Commissioners for the year 1901 has been $83,669.09, an increase of $1,686.57 over that of 1900, and the expenditure (including the interest on

$350,000 of First Preference Bonds) $61,417.19, leaving a surplus, which includes the $13,845.48 charged to the Department of the Interior for the ground occupied for immigration purposes, of $22,251.90.

ACTING CHAIRMAN.

During the absence in Europe of the Chairman (Mr. J. B. Laliberté), Mr. Narcisse Rioux was the presiding officer, having been unanimously elected by the Board as Acting Chairman.

ICE CUTTING.

During the winter of 1900-1901, 45,177 blocks of ice have been cut for local use. Care has been taken that all this ice cut for domestic purposes is perfectly pure and taken from localities in the harbour that have been selected after an analysis of the ice had been made.

DEATH OF HER MAJESTY QUEEN VICTORIA.

Shortly after the year opened, in common with her subjects throughout the Dominion, the Commissioners were saddened by the reception of the news of the death of our late Beloved and Sovereign Lady, Her Most Gracious Majesty Queen Victoria. Suitable resolutions of condolence were passed and forwarded through His Excellency the Governor General to our Sovereign Lord and King, His Most Gracious and Imperial Majesty King Edward VII.

To this report are annexed the various statements conveying the information yearly forwarded to your department in connection with the harbour, as also a complete statement of the Commisioners' account for the year.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
*Secretary-Treasurer.*

A.

HARBOUR ENGINEER'S OFFICE,

QUEBEC, January 2, 1902.

AMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission, Quebec.

SIR,—I have the honour to submit, herewith, the following reference to the arious works in connection with the maintenance and improvement of the harbour of uebec, executed during the year 1901.

NEW WORK.

A freight shed, 800 feet long by 80 feet wide, has been constructed on the Embankent Quay Wall of the Tidal harbour. This building is a wooden frame structure covered ith galvanized iron. The work of construction was begun during the first week of arch last, and the building was completed ready for use during the first week in ugust. In order to prepare the site for this shed, the then existing railway tracks on his part of the Embankment had to be removed, and new lines to replace them laid own between the shed site and the Embankment roadway. The railway lines are now o arranged that 21 cars can be placed along the river front and 21 cars along the inshore ront of the building, thus allowing of the simultaneous loading or unloading of 42 cars. This shed is provided with electric lights throughout, there being 176 incandescent lamps f 32 c.p. each within the building, and 11 inclosed arc lamps along the Basin front.

During the winter of 1900-1901, a contract was entered into with the Slade Elecric Company for the work of installing 150 incandescent 16 c.p. lamps and 6 inclosed rc lamps in the freight shed No. 19 on South Quay Wall of Tidal harbour; eighty ncandescent and four inclosed arc lamps in Breakwater shed No. 18; thirty-nine incanescent and three arcs in Cross Wall shed No. 13; and forty-nine incandescent and hree arc lamps in Cross Wall shed No. 14.

The installing of the electric lights as above was completed last April and the rvice has proved of great utility, as work can now be carried on as expeditiously ring the night as during the day.

The back-filling for the coal berth at the western end of the Wet Dock has been mpleted, and a coal platform has been laid down, extending 100 feet in from the quay ont. To provide the space required for this coal platform, the planked roadway communcating with Ramsay street has been removed and replaced by a new roadway situated ore to the westward.

The dipper dredge loaned to the Commission by the Department of Public Works s been employed during the past season in deepening the western end of the Wet ock, off the new coal pier, to 15 feet below low water. Sufficient of this work has now en done to enable vessels drawing 25 feet of water to make use of this berth at the ne of the minimum depth of water in Wet Dock.

The two Cross Wall sheds Nos. 13 and 14, with the landing platform between em, have been raised up and the foundations and flooring renewed and solidly packed. e projecting eaves on the Dock face of these buildings have been removed, as they ere found to interfere with the loading and unloading of the larger class of vessels.

GENERAL.

The usual repairs and renewals to the railway tracks, buildings, &c., on the mbankment and Cross Wall, required to maintain the property in good condition, have een effected.

A deck-scow, measuring 60 by 25 feet, was constructed during the winter of 1900-901 and has been used during the past season in conjunction with the Government and ommissioners' dredges.

The Commissioners' dredge has been employed during the past season in dredging in the Tidal Harbour and Wet Dock.

The railway tracks on the Pointe-à-Carcy wharf have been reballasted and maintained in good condition, and passenger, freight and car gang-ways have been provided for the freight shed No. 19.

The roadway on this wharf has received a coating of macadam stone, the material having been prepared during the winter.

Extensive repairs have been made to the Q. H. C. stone building No. 4, in order to prepare it for occupancy by Messrs. Davidson & Sons; the work consisting essentially of the construction of offices and sample rooms on the first floor, providing a fire-proof vault, remodelling the plumbing, constructing a yard and planking the alley-way, and generally putting building and surroundings into good condition.

A new galvanized iron roofing has been placed on store No. 8, the exposed portions of chimneys have been rebuilt and the masonry repointed and repaired. The buildings Nos. 10, 11, 3 and 7 have been painted and minor repairs have been made to the buildings Nos. 3, 6, 8 and 9. Fenders and surface planking have been renewed on the Wellington, East India, Atkinson and Reynar wharfs, and a considerable portion of the surface of Marmette's wharf has been newly planked.

The Cross Wall drawbridge was operated for the first time the past season on April 8, and for the last time on December 3.

The entrance gates to the Wet Dock were shut for the first time on May 1, and remained in operation until November 25.

I have the honour to be, sir,
Your obedient servant,

ST. GEORGE BOSWELL,
*Chief Engineer.*

B.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission, Quebec.

SIR,—I have the honour to submit the following with reference to the traffic of the St. Charles Docks and wharfs.

During the past season sixty-one (61) ocean mail steamers of two hundred and twenty-eight thousand one hundred and thirty tons (228,130) register used the docks for landing immigrants, baggage, &c., and eight hundred and ten (810) tons of western freight.

Ninety one (91) steamships of two hundred and seventy-eight thousand one hundred and forty-one (278,141) tons register landed twelve thousand eight hundred and twenty-nine (12,829) tons of general freight.

Forty-eight (48) steamships of one hundred and forty-three thousand and nine (143,009) tons register landed four thousand four hundred and eight (4,408) tons of salt and four thousand one hundred and forty (4,140) tons of cement.

Seven (7) sailing vessels of two thousand and forty-six (2,046) tons register landed two thousand three hundred and fifty-one (2,351) tons of molasses.

Twenty-four (24) ferry boats landed seven hundred and thirty (730) tons of general cargo from the different steamships.

Three (3) steamships of four thousand five hundred and fifty-six (4,556) tons register landed two thousand two hundred and fifty-three (2,253) tons of rails.

Thirty-two (32) steamships of thirty-five thousand four hundred and sixty-four (35,464) tons register landed seventy-eight thousand three hundred and twenty-five (78,325) tons of coal.

Ten (10) barges of ten thousand four hundred and fifty-three (10,453) tons register landed fourteen thousand four hundred and thirty-eight (14,438) tons of coal.

Five (5) Lower Port steamships of one thousand and fifty (1,050) tons register landed eight hundred and sixty-one (861) tons of coal.

One (1) sailing vessel of five hundred and seventy-five (575) tons register landed seven hundred and eighty-three (783) tons of coal.

One hundred and twenty-nine (129) American barges of twelve thousand nine hundred (12,900) tons register landed twenty-five thousand nine hundred and sixty-four (25,964) tons of hard coal.

One (1) steamship of two thousand three hundred and forty-nine (2,349) tons register landed five hundred and seventy-five (575) tons of coke coal and brick.

Forty-one (41) Lower Port steamships of nine thousand three hundred and four (9,304) tons register landed eight hundred and thirty (830) tons of general freight.

Twenty-seven (27) schooners of one thousand and seventy-five (1,075) tons register landed twenty-three thousand six hundred (23.600) railway ties.

Three (3) steamships of twelve thousand seven hundred and fifty-six (12,756) tons register loaded full cargoes of lumber.

Three (3) sailing vessels of one thousand four hundred and seventy-one (1,471) tons register loaded full cargoes of lumber.

Forty-one (41) steamships of ninety-two thousand four hundred and seventy-two (92,472) tons register loaded part cargoes of timber and lumber.

Thirteen (13) steamships of thirty seven thousand four hundred and eighty-five (37,485) tons register, shipped three hundred and twenty (320) tons of shooks, two thousand one hundred and eighty-four (2,184) tons pulp, seven hundred and sixty-seven (767) tons asbestos, finishing with deals and timber.

One (1) of six thousand eight hundred and two (6,802) tons register loaded four hundred and ten (410) tons of cotton.

Forty-one (41) Lower Port steamships of eleven thousend three hundred and four (11,304) tous register shipped thirteen hundred and sixty-one (1,361) tons of general cargo.

The Leyland Line Company (Limited) have shipped from the port of Quebec during season.

Eighteen (18) steamers of fifty-five thousand four hundred and fifty-three (55,453) tons register have shipped one hundred and twenty-nine thousend six hundred and fifty-eight (129,658) bushels of corn.

One million one hundred and eighty-four thousand three hundred and thirteen (1,184,313) bushels of wheat.

Two hundred and seventy-eight thousand two hundred and thirty-two (278,232) bushels of oats.

Eight thousand four hundred and forty-eight Peterbourgh standard of deals (8,448).
Sixty-four thousand two hundred and twenty-nine (64,229) bushels of wet pulp.
Sixty-three thousand six hundred and nineteen (63,619) sacks flour.
One thousand four hundred and thirty-two (1,432) cases splints.
Fourteen thousand six hundred and thirty-eight (14,638) boxes of cheese.
Fifty five thousand two hundred and thirty-two (55,232) packages of lard.
Sixteen thousand two hundred and twelve (16,212) bags of asbestos fibre.
Four thousand one hundred and fifty-nine (4,159) bags of crude asbestos.
Forty-eight thousand two hundred and ninety-two (48,292) bales of C. stocks.
Fifty-four thousand eight hundred and nineteen (54,819) pcs. of chair stocks.
Two hundred and eighty (280) tierces of lard.
Four hundred and twenty (420) tierces of oil.
Three thousand (3,000) cases of canned meat.
Two hundred and thirty (230) packages of radiators.
Twenty-seven thousand three hundred and three (27,303) bales of cut hay.
Thirty six thousand four hundred and ninety-seven (36,497) bales of long hay.
Two hundred and twenty-five (2,025) bags of chair stocks.
One thousand eight hundred and seventy-three (1,873) rolls of paper.
Two thousand eight hundred and fifty-three (2,853) rolls of W. paper.
Four thousand two hundred and eighty-two (4,282) boxes of butter.
Two hundred and sixty-five (265) cases of eggs.
Three thousand one hundred and seventy-six (3,176) head of cattle.
Four hundred and fifty (450) head of sheep.
Seven thousand three hundred and forty-five (7,345) quarters of fresh beef.
One hundred and fifty (150) tons of beef.
One thousand one hundred (1,100) bags of bran.
Eight hundred and ninety (890) cases of wax.
Three thousand nine hundred and ninety nine (3,999) bags of sugar.
Five hundred and thirty-four (534) bags of sundries.

### VESSELS IN DISTRESS USING THE DOCKS.

Sailing vessel *Anna Camp* wintered in the Louise Basin and in the spring discharged a part of her cargo, repaired in the Louise Basin, reloaded and proceeded to sea.

SS. *Zanzibar* having touched bottom at Matane on her way up was placed in the basin for survey, when found to be all right, and proceeded to Montreal.

SS. *Manchester Corporation* on her outward trip from Montreal lost the blades of her propeller, came back to Louise Basin where she discharged a part of her cargo, and after repairing the damage, reloaded and proceeded to sea.

SS. *Tritonia* when coming down from Montreal touched bottom at St. Antoine, came into the Louise Basin for survey, and after discharging part of her cargo, repaired the damage done, reloaded her cargo and proceeded to sea.

SS. *Leander* when about five (5) miles below Montreal touched bottom, came into the Louise Basin for survey, when found to be all right proceeded to sea.

SS. *Urania* grounded at Saguenay when loaded with lumber, came up to Louise n, discharged her cargo and went into graving dock for repairs, when the damage repaired reloaded her cargo and proceeded to sea.

SS. *Alf* grounded at the Lower Traverse, came back to Louise Basin where she dis-ged a part of her cargo and proceeded to Halifax for repairs.

SS. *Montfort* on her way from Montreal touched bottom at Grondines, came into Louise Basin for survey, when found fit to proceeded to sea.

Brigantine *Blenheim* having been in collision with the ss. *Manchester City* came : to the Louise Basin, repaired, and proceeded to sea.

During the past season the different ocean mail steamers landed twenty-five thou- . four hundred and sixty (25,460) steerage passengers at the immigration station, se Docks, who were forwarded to their future homes by Canadian Pacific Railway pany.

No record has been kept of cabin passengers.

The surface traffic has required the employment of eight thousand two hundred and (8,250) cars, being an increase of twenty-five hundred and thirty-two (2,532) on ious year, four hundred and thirty-six (436) American barges and one hundred and y-two (132) schooners paid moorage.

There are wintering on the Louise dock, thirty thousand (30,000) Quebec standard mber besides coal, railway ties, square timber, &c.

There are stored in the different freight sheds salt, cement, flour, hay, &c., &c., h the owners are obliged to remove before the opening of navigation.

The docks are used from November 20 for wintering a large number of vessels of ous tonnages, where they find safe quarters to the opening of navigation.

I have the honour to be sir,
Your obedient servant,

P. FLYNN,
*Wharfinger.*

C.

HARBOUR COMMISSIONERS' OFFICE,

QUEBEC, January 2, 1902.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit the following report with reference to the harbour for the year 1901.

Navigation was open in the harbour all winter.

Tug-boats were towing lighters lumber laden in the harbour on February 26.

Local navigation to the lower St. Lawrence was opened by the departure of the steam schooner *Diver* to the Gulf St. Lawrence and the Island of Anticosti on March 7.

Local navigation from the lower St. Lawrence was opened by the arrival of schooners *Marie Jeanne* and *Adelaide* on April 2.

The ice in the Tidal Basin and Wet Dock broke up on April 6.

Steam schooner *Marie Josephine* left the harbour for the Gulf St. Lawrence on April 9, with a full cargo.

Propeller *Charlevoix* left the harbour for the North shore, River St. Lawrence on April 12, with a full general cargo.

SS. *Savoy* left for the Island of Anticosti, Gulf St. Lawrence, on April 12, with a full general cargo.

Navigation from all parts of the Lower St. Lawrence was general on April 10.

Government revenue cutter ss. *Constance* left for the Gulf St. Lawrence on April 12.

The ice on the River St. Charles and North channel cleared on April 13.

Propeller *Charlevoix* arrived in the Harbour from the North Shore, River St. Lawrence, on April 14

Government ss. *La Canadienne* left for the lower St. Lawrence on buoy service on April 22.

Government ss. *Aberdeen* arrived in the harbour from Halifax on April 18.

The ice in the River St. Lawrence between Montreal and Quebec passed down on April 19.

SS. *Jacona*, first ocean steamer from Mediteranean ports with general cargo, arrived in the harbour on April 20.

SS *Lake Champlain*, the first ocean Royal Mail and passenger steamer, arrived in the harbour on April 26.

SS. *Carolina* first passenger and freight steamer of the Richelieu and Ontario Navigation Co., arrived in the harbour from Montreal on April 26.

SS. *Greetlands* the first ocean steamer coal laden for Quebec arrived on May 2.

All local pontoons were placed in the harbour on April 25.

SS. *Saguenay*, first passenger freight steamer of the Richelieu and Ontario Navigation Co., left for the Saguenay and way ports on the April 27.

SS. *Lake Champlain*, first ocean passenger steamer (outward), left the harbour on May 3.

Barkantine *Bahama*, first ocean sailing vessel, left the harbour with a full lumber cargo for sea on the May 9.

Barkantine *Blenheim*, the first ocean sailing vessel with general cargo, arrived in the harbour on June 3.

H.M.S. *Cresent*, *Pallas*, *Proserpine* and *Psyche* arrived and anchored in the harbour on September 5.

First class French cruiser *d'Estrée* arrived and anchored in the harbour on September 11.

Royal yacht *Ophir*, escorted by H.M.S. *Diadem*, *Niobe*, *Indefatigable*, *Tribune* and *ail* arrived and anchored in the harbour on September 16.

H.M.S. *Quail* berthed in the Louise Basin.

Four ballast (4) vessels discharged thirteen hundred and eighty (1,380) tons of last which was discharged into Government wharf at Levis.

The cost of obtaining this ballast was one hundred and twenty five dollars and y cents ($125.50) or about 9⅛ cents per long ton.

No ballast was discharged into the harbour during the last season.

In addition to the routine work on the harbour and office, two hundred and eighty-e (289), ocean sea going steamers have been berthed in the Louise Docks breakwater, l at Point-à-Carcy wharfs.

Fourteen (14) ocean sea going sailing vessels have been berthed at the same wharfs.

These docks and wharfs have also accommodated a large number of coal barges, am barges passenger boats, &c.

The harbour regulations have been distributed to all vessels using the harbour ring the season of navigation and the carrying *out of their* provisions attended to.

The limits of the clear water space opposite the city are indicated at night by red hts and in day time by sign-boards.

The last sailing vessel, barque *Electra* left the harbour for sea with a full lumber go on October 24.

The last ocean Royal Mail ss. *Corinthian* left the harbour on November 17.

The ss. *Saguenay* of the Richelieu and Ontario Navigation Company, made her t trip from the Saguenay with passengers and freight on November 17.

SS. *Quebec* of the Richelieu and Ontario Navigation Company, made her last trip tween Quebec and Montreal with passengers and freight on November 24.

SS. *Mexican*, last ocean freight steamer, arrived in the harbour to load a full general go on November 23.

SS. *Mexican*, Capt. Fred. Parkin, left the harbour on November 27, with a full neral cargo for London, England.

The ice in the Wet Dock formed on December 2.

The last ocean freight steamers, ss. *Alf* and ss. *Agnar*, left the harbour for sea on cember 2.

SS. *Greetlands* entered winter quarters in the Tidal Dock on December 6.

The ice in the Tidal Basin formed on December 7.

The ice in the St. Charles River formed on December 16. The ice in the North nnel connecting the island of Orleans with the North Shore formed on December 23.

Notice hase been posted in suitable localities warning parties from discharging bish of any kind into the harbour, docks, &c., and every precaution is being taken to vent any violation of the regulations of the Commissioners in that respect.

I have the honour to be, sir,
Your obedient servant,

JAS. C. SULLIVAN,
*Harbour Master*

## REVENUE AND EXPENDITURE.

**DR.**

| 1901. | | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31 | To Tonnage dues | 9,296 33 | |
| | Import " | 4,872 86 | |
| | Export " | 5,500 69 | |
| | Harbour " | 2,164 25 | |
| | | | 21,834 13 |
| | To Property Earnings – | | |
| | St. Charles docks and wharfs, and wharfs and stores under lease | 42,923 95 | |
| | Due by and charged to the Department of the Interior for ground occupied for immigration purposes | 13,845 48 | |
| | | | 56,769 43 |
| | To Interest Account | | 3,862 77 |
| | To Beach and Deep Water Lots | | 1,202 76 |

**CR.**

| 1901. | | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31 | By Officers' salaries' including the engineering expenses and cost of superintending the works in course of construction | | 10,243 90 |
| | Schooners reporters' salaries | | 380 25 |
| | Revision and codification of laws and by-laws | | 500 00 |
| | Legal expenditure | | 843 64 |
| | Notarial expenditure | | 247 44 |
| | Property expenditure, taxes, insurance and maintenance of Commissioners' docks, wharfs and stores | | 26,389 52 |
| | Dredging Expenses— | | |
| | Maintenance and repairs | 301 86 | |
| | Labour | 1,112 80 | |
| | | | 1,414 66 |
| | Decorating and illuminating expenses on occasion of the visit of H. R. H. the Duke of Cornwall and York | | 768 09 |
| | Commissioners | | 2,535 00 |
| | Harbour master's services | | 143 38 |
| | Hardware for general use | | 169 61 |
| | Stationery | | 159 07 |
| | Report and annexures | | 436 00 |
| | Lithograph plans for report of 1900 | | 90 00 |
| | Contract removing snow | | 75 00 |
| | Auditors for 1900 | | 200 00 |
| | Bell Telephone Company | | 94 05 |
| | Half cost of the reception to senators and members of the House of Commons to visit and inspect the harbour of Quebec and works | | 837 30 |
| | Book-binding accounts | | 130 45 |
| | Quebec Gas Company | | 107 64 |
| | Ontario Press Association, vote for reception | | 100 00 |
| | | | 42 00 |
| | Six awnings | | 55 00 |
| | Harbour Master, St. Thomas | | 50 00 |
| | Secretary and book-keeper for guarantee policies | | 60 00 |
| | Twelve hundred copies of the Annals of the Port of Quebec | | 90 00 |
| | Printing, advertising and sundries | | 1,255 19 |
| | Twelve months' interest to the 1st of January, 1902, on $350,000 of first preference bonds at 4 per cent per annum | | 14,000 00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | Balance composed as follows :— | | | |
| | | | | Surplus of receipts from customs and earnings of docks, wharfs and stores, over working expenses, and interest on $350,000 of bonds..... | | 8,406 42 | |
| | | | | Due by and charged to the Department of the Interior for rental of ground occupied for immigration purposes in 1901.. | | 13,845 48 | 22,251 90 |
| | | 83,669 09 | | | | | 83,669 09 |

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1901.

## STATEMENT of Assets and Liabilities, per Balance Sheet of Date.

| 1901. | ASSETS. | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31. | Real Estate— | | |
| | St. Charles docks and wharfs | 3,743,774 43 | |
| | Wellington wharf | 86,541 85 | |
| | East India " | 48,896 64 | |
| | Atkinson's " | 51,103 20 | |
| | Grank Trunk " | 15,740 32 | |
| | Reynar's " | 9,918 29 | |
| | | | 3,955,974 73 |
| | New Works— | | |
| | Point-à-Carcy wharf, extension of front | 177,187 96 | |
| | New freight shed, Point-à-Carcy | 22,878 76 | |
| | New freight shed, Louise embankm'nt | 34,669 44 | |
| | New coal wharf, wet dock | 44,895 25 | |
| | | | 279,631 41 |
| | New deck scow | | 2,813 38 |
| | Hopper barge | 5,609 28 | |
| | Steam crane dredge | 5,105 21 | |
| | | | 10,714 49 |
| | In *re* Beach and Deep Water Lots— | | |
| | Capital and debit sundries | 34,793 80 | |
| | Arrears of interest to June 24 | 6,528 84 | |
| | " " Dec. 24 | 882 12 | |
| | | | 42,204 76 |
| | Rents, Wharfage, &c.— | | |
| | Due by sundries, as per balance sheet | 15,884 06 | |
| | Rentals for November and December | 2,205 15 | |
| | | | 18,089 21 |
| | Cash— | | |
| | On hand | 1,658 13 | |
| | In La Banque Nationale | 111,134 56 | |
| | | | 112,792 69 |
| | Dominion Government— | | |
| | Unsettled claims | | 223,183 51 |
| | Pile driver | | 317 32 |
| | Tools | | 3,360 14 |

| 1901. | LIABILITIES. | $ cts. | $ cts. |
|---|---|---|---|
| Dec 31. | Quebec harbour debentures | 3,612,802 42 | |
| | First Preference bonds | 350,000 00 | |
| | Interest due January 1, 1902, on $350,000 of Preference bonds | 3,000 00 | |
| | Receiver General of Canada | 43,380 00 | |
| | Illumination accounts | 270 33 | |
| | | | 4,009,452 95 |
| | Surplus, composed as follows— | | |
| | Beach and deep water lots | 55,461 87 | |
| | Profit and loss | 592,906 02 | |
| | | | 648,367 89 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Broken stone " | | 740 87 | | | | |
| Timber " | | 38 00 | | | | |
| Bills receivable | | 1,166 45 | | | | |
| | | 4,657,820 84 | | | | 4,657,820 84 |

MEMO—The arrears of interest on Government debentures is not included in this statement.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

JAS. WOODS, *Secretary-Treasurer.*

We hereby certify that we have examined the statement of assets and liabilities of the Quebec Harbour Commission for the year 1901, and we find same in all particulars the true position of the Trust at that date

QUEBEC, February 3, 1902.

ALEX. J. MESSERVEY,
L. A. BERGEVIN, } *Auditors.*

## Dr. Balance Sheet of 31st December, 1901. Cr.

| | $ cts. | $ cts. | | $ cts. | $ cts. |
|---|---|---|---|---|---|
| To Office furniture | | 3,723 33 | By Receiver General of Canada | | 43,380 00 |
| Amount at debit of grantees' beach and deep water lots | | 41,322 64 | Beach and deep water lots | | 55,461 87 |
| Amount at debit of sundries for rents and wharfage | | 15,884 06 | Quebec harbour debentures | | 3,612,802 42 |
| Unsettled claims against the Dominion Government | | 223,183 51 | First preference bonds | | 350,000 00 |
| St. Charles docks and wharfs | | 3,743,774 43 | Interest due 1st January, 1902, on $150,000 of pref. bonds | | 3,000 00 |
| Wellington wharf | | 86,541 85 | Illuminating accounts | | 270 53 |
| East India " | | 48,896 64 | Profit and loss | | 592,906 02 |
| Atkinson's " | | 51,103 20 | | | |
| Grand Trunk " | | 15,740 32 | | | |
| Reynar's " | | 9,918 29 | | | |
| Harbour improvements, river front | | 177,187 96 | | | |
| New freight shed, Point-à-Carcy | | 22,878 76 | | | |
| Louise Embankment, freight shed | | 34,669 44 | | | |
| New coal wharf, wet dock | | 44,895 25 | | | |
| Cash— | | | | | |
| On hand | 1,658 13 | | | | |
| In La Banque Nationale | 111,134 56 | | | | |
| | | 112,792 69 | | | |
| Hopper barge | 5,609 28 | | | | |
| Steam crane dredge | 5,105 21 | | | | |
| | | 10,714 49 | | | |
| New deck scow | | 2,813 38 | | | |
| Pile driver | | 317 32 | | | |
| Steel rails | | 2,411 30 | | | |
| Broken stone | | 740 87 | | | |
| Jackscrews account | | 394 87 | | | |
| Anchor " | | 264 38 | | | |
| Timber " | | 38 00 | | | |
| Tools " | | 3,360 14 | | | |
| Bills receivable | | 1,166 45 | | | |
| Suspense account | | 3,087 27 | | | |
| | | 4,657,820 84 | | | 4,657,820 84 |

Harbour Commissioners' Office,
Quebec, 2nd January, 1902.

JAS. WOODS, *Secretary-Treasurer.*

We hereby certify that we have examined the books and vouchers of the Quebec Harbour Commissioners to the 31st December, 1901, and that this balance sheet is correct.

L. A. BERGEVIN,
ALEX. J. MESSERVEY, } *Auditors.*

## QUEBEC HARBOUR COMMISSION.

COMPARATIVE Statement of the Revenue of the Commissioners for the years 1900-1901.

| — | 1900. | 1901. | Difference in 1901. | |
|---|---|---|---|---|
| | $ cts. | $ cts. | $ cts. | |
| Tonnage dues | 11,350 53 | 9,296 33 | 2,054 20 | Decrease. |
| Import " | 4,789 28 | 4,872 86 | 83 58 | Increase. |
| Export " | 4,384 35 | 5,500 69 | 1,116 34 | " |
| Harbour " | 2,177 72 | 2,164 25 | 13 47 | Decrease. |
| Receipts from docks, wharfs and stores | 52,509 57 | 56,769 43 | 4,259 86 | Increase. |
| Interest | 5,663 83 | 3,962 77 | 1,701 06 | Decrease. |
| Beach and deep water lots | 1,190 24 | 1,202 76 | 12 52 | Increase. |
| Sundries | 17 00 | .... .. ... | 17 00 | Decrease. |
| | 81,982 52 | 83,669 09 | 1,686 57 | Increase. |

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

## EXPENDITURE ON CAPITAL ACCOUNT DURING THE YEAR 1901.

| | |
|---|---|
| St. Charles docks and wharfs | $ 2,669 75 |
| New freight shed Pointe-à-Carcy wharf | 1,147 64 |
| New coal wharf Wet dock | 8,804 24 |
| New freight shed Louise embankment | 34,669 44 |
| East India wharf stone store | 1,023 35 |
| Harbour improvements, River Front | 325 86 |
| New deck scow | 2,813 38 |
| Ottawa cove | 150 00 |
| Tools account | 247 67 |
| Office furniture | 35 00 |
| | $ 51,886 33 |

JAS. WOODS,
*Secretary-Treasurer.*

# APPENDIX No. 4.

## BELLEVILLE HARBOUR COMMISSIONERS' REPORT FOR YEAR ENDED DECEMBER 31, 1901.

BELLEVILLE, January 4, 1902.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—I beg to submit a statement of the receipts and expenditures of the Belleville Harbour Board showing a balance on hand of $4,492.72.

Your obedient servant,

E. G. SILLS,
*Chairman of Board.*

| 1901. | Receipts. | $ cts. | 1901. | Expenditure. | $ cts. |
|---|---|---|---|---|---|
| January 1.. | To amount cash on hand | 3,049 06 | Dec. 31.... | By Harbour Master's salary | 600 00 |
| Dec. 31.. | To amount dues, &c | 2,433 66 | " 31.... | Insurance | 4 00 |
| | | | " 31.... | Work or harbour embankments and road | 148 95 |
| | | $5,482 72 | " 31.... | Gilmour & Co., swinging boom, &c. | 100 00 |
| | | | " 31.... | Sundry accounts | 62 03 |
| | | | " 31.... | Talley clerks salary | 72 00 |
| | | | " 31.... | Stationery, &c. | 3 00 |
| | | | " 31.... | Cash on hand to balance | 4,492 74 |
| | | | | | $5,482 72 |

I believe the above to be correct,

E. G. SILLS.

Sworn before me this 4th day of January, 1902,

W. J. McCAMON.

BELLEVILLE, January 6, 1902.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—The undersigned, harbour master of the city of Belleville, begs to submit the following report for the year 1901.

Navigation opened in Belleville harbour on the 8th day of April and closed on the 26th of November.

Dues collected during the season are as follows :—

| | |
|---|---|
| Total amount derived from imports | $1,477 37 |
| Total amount derived from exports | 926 29 |
| | $2,403 66 |
| Import dues on 12,722 tons coal | $1,272 20 |
| " " 421,645 feet lumber | 21 08 |
| " " 292 cords wood | 14 60 |
| " " 1,009 tons mdcs | 100 90 |
| " " 615,000 shingles | 18 45 |
| " " 168 tons potter's clay | 10 08 |
| " " 94 tons salt | 9 40 |
| " " 64½ tons cement | 6 45 |
| " " 192½ tons tomatoes | 19 25 |
| " " 900 bush. wheat | 1 12 |
| " " 500 " corn | 0 60 |
| " " 1,700 " oats | 2 12 |
| " " 380 " pease | 0 50 |
| " " 50,000 lath | 0 62 |
| | $1,477 37 |
| Export dues on 134,505 logs, &c | $ 795 00 |
| " " 182,500 brick | 9 12 |
| " " 25,367 bush. wheat | 31 72 |
| " " 5,105 " barley | 6 39 |
| " " 7,008 " rye | 8 76 |
| " " 2,868 " pease | 3 59 |
| " " 410 " oats | 0 51 |
| " " 190 tons talc | 19 00 |
| " " 23 " cheese | 2 30 |
| " " 36,000 feet timber | 3 60 |
| " " 5,000 shingles | 0 15 |
| " " 5,000 feet lumber | 0 15 |
| " " 449 tons merchandise | 44 90 |
| " " 11 " iron | 1 10 |
| | $ 926 29 |

The amount of dues collected show a decrease from last year owing to a less quantity of logs coming down the River Moira, and also to a less quantity of coal being brought by vessel.

All of which is respectfully submitted.

I have the honour to be, sir,
Your obedient servant,

D. COLLINS,
*Harbour Master.*

OMINION OF CANADA,
Province of Ontario,
County of Hastings.
*To Wit:*

In the matter of the report of the Harbour Commissioners of the City of Belleville for the year ending 31st December, 1901.

I, DANIEL COLLINS, of the city of Belleville, in the county of Hastings, harbour ;er, do solemnly declare that:

I am harbour master at the city of Belleville.

That my report hereunto annexed contains a true, correct and full statement of the nue from the harbour at the city of Belleville for the year ending on the 31st day ecember, 1901.

That the said report is in all other respects true and correct to the best of my vledge, information and belief.

And I make this solemn declaration conscientiously believing it to be true and ving that it is of the same force and effect as if made under oath and by virtue of e Canada Evidence Act, 1893."

D. COLLINS,
*Harbour Master.*

ared before me at the city of Belleville, in the county of Hastings, this 6th day of January, 1902.

G. MASSON,
*Notary Public.*

# APPENDIX No. 5.

## THREE RIVERS HARBOUR COMMISSIONERS' REPORT FOR THE YEAR ENDED DECEMBER 31, 1901.

HARBOUR COMMISSIONERS' OFFICE,
THREE RIVERS, March 27, 1902.

SIR,—I have the honour, by the direction of the Harbour Commissioners of Three Rivers, to forward herewith, for the information of the Honourable the Minister of Marine, statements of receipts and disbursements of the Commission for the year ending 31st December, 1901. Also statement of number and tonnage of vessels entered inward and outward at the port and outports during the same year.

Statements of trade and commerce of the port and district are also forwarded you.—

I have the honour to be, sir,
Your obedient servant,

GEORGES BALCER,
*Secretary.*

F. GOURDEAU, Esq.
Deputy Minister of Marine,
Ottawa.

COMMISSIONERS:

ALEX. HOULISTON, Esq., Chairman.

HENRY E. HART, Esq. R. S. COOKE, Esq.
L. D. PAQUIN, Esq. R. W. WILLIAMS, Esq.
GEORGES BALCER, Secretary.

The year 1901, in continuing the series of progressing seasons inaugurated in 1897, fully met our expectation and confirmed the views expressed in former reports.

Although seriously affected, last summer, in one of our principal staples by a sudden change in the climatological condition of the St. Maurice territory, when through persistent drought the water in our lakes and rivers receded to a point never before known, causing hundreds of thousands of logs to be retained along the banks of the river and on tributaries, thus forcing most of our saw-mills to suspend operation for months during the season, our *Exports* and *Imports* did not for a moment cease to increase. While our lumber trade, in spite of a fair demand for goods and other favourable conditions for space and ocean freight, had to be satisfied with a reduced export to both the British and American market, viz:—44 million feet against 48 million in 1900, and 76 million in 1899, for the former; and 8 million feet against 19 M. in 1900 and 30 M. in 1899 to the United States market;—Whilst the export of pulpwood fell from 62,000 cords to 35,000 cords, and the output of pulp suffered in proportion—the normal growth of our large industrial establishments and their gradual emerging out of the preliminary stage of organization, more than made up for the difference in the aggregate value of our transactions.

A falling off in the lumber trade always entails a reduction in our shipping. Nevertheless, both the number and tonnage of sea going vessels exceeded in 1901 the number and tonnage of 1900 by (8) eight teamers and about a thousand tons. Only the coasting trade could not make up for the difference with other transports, to or from the United States by water, and a loss of 181 canal barges had to be registered, reducing the tonnage for the season to a total of 196,000 tons, against 212.000 tons in 1900 and 284.000 tons in 1899.

This merely accidental and momentary check to the most important factor of our maritime trade, however, should not for an instant preclude the necessity of accelerating the improvements under contract, neither to commence without delay, the construction

of the new wharfs in the western direction of the harbour, for which the Department of Public Works, at Ottawa, received authority from Parliament in its session of 1901. On the contrary, the cutting of logs has not for a moment decreased during the present winter season. Shippers of lumber, as well as the shippers of the products and raw material of the various manufacturing establishments, are anxiously awaiting larger and more improved accommodation so as to be able to frame, control and regulate their traffic according to the constantly increasing requirements of their trade. And the demand for space—frontage as well as top wharf—is already such that beside the old and new wharfs soon at our disposal, even more than half of the 1,500 feet of the projected wharf, from Dean's wharf up to the ice breakers, is retained beforehand. And the season of 1902 will certainly not close before the necessity for continuing the work unto Windmill Point will once more be forcibly brought before the serious consideration of both the Minister of Public Works and the Government at Ottawa.

The fact is, neither the work achieved, nor the scheme for improvements outlined years ago, have lost one particle of their importance; more than ever they commend themselves to the attention of every one interested.

But ocean and river traffic improvements in the harbour are not, as we have often stated, the only points to be considered. Transportation by rail, direct and rapid communication between the industrial centres along the St. Maurice and the deep-water wharfs at Three Rivers, the nearest, most handy and cheapest point of shipping for their output, are also matter for serious consideration, the urgency of which cannot be too strongly impressed upon the public.

If, for instance, the large inland situated manufacturing establishments should remain, so to say, isolated, or at the mercy of one or of the other railroad, or other powerful companies; if we should neglect to provide the necessary relief and every available facility, the effect would soon be noticed working at a disadvantage to all, if not disastrous to every one concerned, and the further development of our vast resources thrown back for years.

Apart from the commercial and industrial development of this section of the country, constantly requiring larger and more improved maritime and railroad facilities—outside interests begin to centre in our port. Foremost amongst them is the trial made last summer by the Dominion Iron and Steel Co., of Sydney, N.S., receiving at Three Rivers ore in barges from the United States, for reshipment in steamers to their works at Sydney.

Some 5,000 tons of this ore has thus been forwarded early in the season, when work had to be suspended on account of lack of proper organization and want of return freight for the barges—the cost of handling and delivering the ore being out of proportion. But the matter has not been lost sight of, on the contrary, and we have reason to believe that next season will see from this source a most lively addition to the traffic of the port.

Before summing up the aggregate value of our transactions in 1901, it may be pertinent to recall the circumstances which so seriously affected, not only our lumber trade, but our pulp and paper industry as well. The event in question may have been purely accidental, altogether beyond the control of man. Still such 'accidents' are also brought about by other than natural causes, and should they repeat themselves they may finally produce mischief, the consequences of which, not only to industries but also to agriculture, could not easily be over-estimated. At any rate matters of such importance cannot pass unnoticed, and without assuming the role of a Cassander we are of opinion that both local and federal Governments should see to the case. Perhaps the experience of the Old Country—where judiciously and scientifically managing the forests they succeeded in preserving for centuries, not only a regular output of timber and lumber, but also normal conditions of climates—might come in timely, either for the framing of regulations for the better preserving and working of our forests; protection against dreaded bush fires, &c., or the taking of means to regulate the flow of water in the spring, particularly 'les eaux du nord' by erecting dams in lakes and streams, so as to control and assure the regular descent of the logs, even during the most trying months of the summer season.

In connection with the above it may also be apropos to allude to the parity of interest lately exponed by the public and the trade, and even by pulp and paper men, as to the necessity for Canada to protect itself against a too large a draining of some of

our raw material for the sole benefit of competing neighbours. The question being of rather delicate nature and not wishing to take otherwise part in the discussion, we merely state, for the sake of comparison, that the 62,000 cords of pulpwood for instance, shiped in 1900, were valued at $225,000. Turned into pulp, the value would have reached over $600,000; and into paper nearly 2 million dollars:— Value and output of a plant not much inferior than the plant of the Laurentide Pulp Co., at the Grand'Mère, and this for the district of Three Rivers alone.

We mentioned the aggregate value of our transactions, in 1901, not to be inferior to the value of preceding years. The fact is both *Exports* and *Imports* exceed by a good deal the former amounts. By an administrative measure of rather doubtful nature, however, we are this time prevented using our former mode of classification: The Department of Customs seeing fit to relieve collector, of ports from the duty of keeping records and preparing regular returns of exports of their division, we find ourselves deprived of one of the best means for controlling unofficial information. Still, at the present moment, such drawbacks, although very inconvenient, are of less consequence, the bulk of some of our large exports swamping, so to say, quite a number of smaller values which, henceforth we will be obliged to neglect.

In *Export*, pulp and paper continue to lead, with some $1,850,000. The Laurentide Pulp Co., at Grand'Mère, being the sole exporter; the Belgo-Canadian Pulp Co., Shawenigan Falls, having been prevented assuming operation in time, on account of their logs not coming down the river in season.

Lumber coming second with about $700,000 and pulpwood with $150,000. The Pittsburg Reduction Co., Shawenigan, in operation for only about two months of the year, shipped some aluminium even to Japan. The value of their export, however, could not be assertained. Their imports, consisting of raw material, bauxite, aluminia, carbona, &c., amount to about 1,350 tons.

The output of the Radnor Forges and of the other industrial establishments, kept in line with former years. But as stated before, it is now, so to say, impossible to get exact figures as to details.

Our dairy products, *Cheese* and *Butter*, improve their output season by season. Hay and other products of Agriculture, the products of the mines continue their regular course. Consequently, on the whole *direct* and *indirect* transactions are steadil on the increase.

Following is a summary statement of our principal exports in 1901 :—

| | |
|---|---|
| To the United States— | |
| Lumber, thousand feet B.M., 8,225 | $ 72,300 |
| " other | 1,500 |
| Pulp wood, cords, 35,000 | 146,200 |
| Pulp and paper | 745,000 |
| Produce of the field and farm | 25,000 |
| " " mines | 70,000 |
| Pig iron | 21,000 |
| Divers | 11,700 |
| | $1,092,700 |
| To Great Britain— | |
| Lumber, thousand feet B.M., 41,500 | $ 595,000 |
| Paper and card board | 1,117,500 |
| | $1,712,500 |
| To France— | |
| Lumber, 200,000 feet | $ 2,360 |
| To Belgium— | |
| Lumber, 616,000 feet | $ 7,340 |
| To Spain— | |
| Lumber, 1,780,000 feet | $ 25,350 |
| **Total exports** | **$ 2,840,250** |

| | | | |
|---|---|---|---|
| Tonnage dues | $ 2,323 17 | | |
| Harbour dues, inwards | 3,014 12 | | |
| " outwards | 2,051 11 | | |
| Moorage | 584 95 | | |
| | | $ 7,973 35 | |
| Total collection | | | $ 9,943 89 |
| Proceeds from— | | | |
| Sale of debentures | $15,500 00 | | |
| Interest on deposit | 77 56 | | |
| | | | 15,577 56 |
| Deposit in bank and cash, January 1, 1901 | | | 9,038 69 |
| Total receipts | | | $ 34,560 14 |

## RECEIPTS and Disbursements of Harbour Commission of Three Rivers, &c.—*Concluded.*

### DISBURSEMENTS.

| MONTHS. | EXPENSES FOR ADMINISTRATION. | | | | | | DISBURSEMENTS CHARGEABLE TO. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current expenses. | Salaries and commissions | Rent. | Printing and stationery | Travelling and other expenses. | Refunds. | Engineer's Office. | Repairs and general harbour expenses. | Construction account. | Plants and tools | Property account. | Interest account. | Divers |
| | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. |
| January | 41 89 | 183 46 | 50 00 | 25 00 | ..... | ..... | 25 73 | 84 68 | 3,100 00 | ..... | ..... | 2,704 22 | 635 00 |
| February | 21 10 | 172 33 | ..... | ..... | ..... | ..... | ..... | 100 65 | 100 00 | ..... | ..... | ..... | ..... |
| March | 17 95 | 172 33 | ..... | ..... | ..... | ..... | 5 50 | 65 85 | 3,100 00 | ..... | ..... | 12 50 | ..... |
| April | 14 32 | 172 33 | 50 00 | 24 00 | ..... | ..... | 4 75 | 59 01 | 100 00 | ..... | ..... | ..... | ..... |
| May | 13 37 | 196 33 | ..... | ..... | ..... | 3 66 | 10 50 | 235 92 | 1,600 00 | ..... | ..... | ..... | ..... |
| June | 19 30 | 172 33 | ..... | 23 39 | ..... | ..... | ..... | 41 70 | 2,100 00 | ..... | ..... | ..... | ..... |
| July | 37 73 | 172 33 | 50 00 | 2 00 | ..... | ..... | ..... | 66 84 | 1,600 00 | ..... | ..... | 3,312 50 | 660 00 |
| August | 19 50 | 172 33 | ..... | ..... | ..... | ..... | ..... | 40 15 | 1,122 20 | ..... | ..... | ..... | ..... |
| September | 16 67 | 172 33 | ..... | 3 80 | ..... | ..... | 43 80 | 108 23 | 123 35 | ..... | ..... | ..... | ..... |
| October | 16 01 | 172 33 | 50 00 | ..... | ..... | 0 85 | 1 15 | 274 00 | 2,014 05 | ..... | ..... | ..... | ..... |
| November | 25 45 | 172 33 | ..... | 10 30 | ..... | ..... | 25 50 | 27 70 | 1,712 30 | ..... | ..... | ..... | ..... |
| December | 37 72 | 400 61 | ..... | ..... | ..... | ..... | ..... | 58 61 | 100 25 | ..... | ..... | ..... | ..... |
| | 281 01 | 2,331 37 | 200 00 | 88 49 | ..... | 4 51 | 116 93 | 1,163 34 | 16,772 15 | ..... | ..... | 6,029 22 | 1,295 00 |

### RECAPITULATION.

Administration—

| | | |
|---|---|---|
| Current expenses | $ 281 01 | |
| Salaries and commissions | 2,331 37 | |
| Rent | 200 00 | |
| Printing and stationery | 88 49 | |
| Refunds | 4 51 | |
| | | $ 2,905 38 |

| | | | | |
|---|---|---|---|---|
| Custom-house— | | | | |
| Tonnage dues | $ 2,323 17 | | | |
| Harbour dues, inwards | 3,014 12 | | | |
| " outwards | 2,051 11 | | | |
| Moorage | 584 95 | | | |
| | | $ 7,973 35 | | |
| Total collection | | | $ 9,943 89 | |
| Proceeds from— | | | | |
| Sale of debentures | $15,500 00 | | | |
| Interest on deposit | 77 56 | | | |
| | | | 15,577 56 | |
| Deposit in bank and cash, January 1, 1901 | | | 9,038 69 | |
| Total receipts | | | | $ 34,560 14 |

## RECEIPTS and Disbursements of Harbour Commission of Three Rivers, &c.—*Concluded.*

### DISBURSEMENTS.

| MONTHS. | EXPENSES FOR ADMINISTRATION. | | | | | | DISBURSEMENTS CHARGEABLE TO. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current expenses. | Salaries and commissions | Rent. | Printing and stationery | Travelling and other expenses. | Refunds. | Engineer's Office. | Repairs and general harbour expenses. | Construction account. | Plants and tools. | Property account. | Interest account. | Divers |
| | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. |
| January | 41 89 | 183 46 | 50 00 | 25 00 | ..... | ..... | 25 73 | 84 68 | 3,100 00 | ..... | ..... | 2,704 22 | 635 00 |
| February | 21 10 | 172 33 | ..... | ..... | ..... | ..... | ..... | 100 65 | 100 00 | ..... | ..... | ..... | ..... |
| March | 17 95 | 172 33 | ..... | ..... | ..... | ..... | 5 50 | 65 85 | 3,100 00 | ..... | ..... | 12 50 | ..... |
| April | 14 32 | 172 33 | 50 00 | 24 00 | ..... | ..... | 4 75 | 59 01 | 100 00 | ..... | ..... | ..... | ..... |
| May | 13 37 | 196 33 | ..... | ..... | ..... | 3 66 | 10 50 | 235 92 | 1,600 00 | ..... | ..... | ..... | ..... |
| June | 19 30 | 172 33 | ..... | 23 39 | ..... | ..... | ..... | 41 70 | 2,100 00 | ..... | ..... | ..... | ..... |
| July | 37 73 | 172 33 | 50 00 | 2 00 | ..... | ..... | ..... | 66 84 | 1,600 00 | ..... | ..... | 3,312 50 | 660 00 |
| August | 19 50 | 172 33 | ..... | ..... | ..... | ..... | ..... | 40 15 | 1,122 20 | ..... | ..... | ..... | ..... |
| September | 16 67 | 172 33 | ..... | 3 80 | ..... | ..... | 43 80 | 108 23 | 123 35 | ..... | ..... | ..... | ..... |
| October | 16 01 | 172 33 | 50 00 | ..... | ..... | 0 85 | 1 15 | 274 00 | 2,014 05 | ..... | ..... | ..... | ..... |
| November | 25 45 | 172 33 | ..... | 10 30 | ..... | ..... | 25 50 | 27 70 | 1,712 30 | ..... | ..... | ..... | ..... |
| December | 37 72 | 400 61 | ..... | ..... | ..... | ..... | ..... | 58 61 | 100 25 | ..... | ..... | ..... | ..... |
| | 281 01 | 2,331 37 | 200 00 | 88 49 | ..... | 4 51 | 116 93 | 1,163 34 | 16,772 15 | ..... | ..... | 6,029 22 | 1,295 00 |

### RECAPITULATION.

Administration—

| | | |
|---|---|---|
| Current expenses | $ 281 01 | |
| Salaries and commissions | 2,331 37 | |
| Rent | 200 00 | |
| Printing and stationery | 88 49 | |
| Refunds | 4 51 | |
| | | $ 2,905 38 |

Disbursements on revenue—

| | | | | | |
|---|---|---|---|---|---|
| Engineer's office | 116 93 | | | | |
| Repairs and general harbour expenses | 1,163 34 | | | | |
| | | 1,280 27 | | | |
| Interest on debentures | 6,029 22 | | | | |
| Sinking fund | 1,295 00 | | | | |
| | | 7,324 22 | | | |
| Total expenses on revenue | | | $ 11,509 87 | | |
| Disbursements on capital— | | | | | |
| Construction account | | | 16,772 15 | | |
| Total disbursements | | | | $ 28,282 02 | |
| Deposit in bank and cash, December 31, 1901 | | | | 6,278 12 | |
| | | | | | $ 34,560 14 |

GEORGES BALCER,

*Secretary-Treasurer.*

STATEMENT of Number and Tonnage of Sailing Vessels and Steamers Entered Inward and Outward at the Port and Outports of Three Rivers for the year ending 1901.

OCEAN TRAFFIC.

| Return of Vessels Inwards. | No. | Tons. | Return of Vessels Outwards. | No. | Tons. |
|---|---|---|---|---|---|
| Total arrivals | 71 | 131,332 | Total departures | 71 | 131,332 |
| Steamers | 70 | 130,787 | British and Canadian | 68 | 126,561 |
| Sailing vessels | 1 | 545 | Norwegian | 3 | 4,771 |

PORT OF THREE RIVERS.

| Arrived. | No. | Tons. | Cleared for. | No. | Tons. |
|---|---|---|---|---|---|
| Steamers | 54 | 101,307 | Great Britain | 38 | 80,626 |
| Sailing vessels | 1 | 545 | Inland ports | 12 | 14,154 |
| | | | Antwerp | 1 | 1,841 |
| | | | France | 1 | 2,223 |
| | | | Spain | 2 | 3,008 |

OUTPORT—BATISCAN.

| | | | | | |
|---|---|---|---|---|---|
| Steamers | 4 | 7,820 | Great Britain | 4 | 7,820 |

LAKE ST. PETER—PIERREVILLE, LOUISEVILLE.

| | | | | | |
|---|---|---|---|---|---|
| Steamers | 12 | 21,660 | Great Britain | 9 | 16,370 |
| | | | Antwerp | 2 | 3,786 |
| | | | Spain | 1 | 1,504 |

**PAPER No. 23**

UNITED STATES TRAFFIC.

| — | Number. | Tonnage. |
|---|---|---|
| Rivers—United States canal boats | 268 | 26,613 |
| ited States canal boats | 151 | 14,955 |
| | 419 | 41,568 |

INLAND TRAFFIC.

| | | |
|---|---|---|
| gistered | 166 | |
| barges | 35 | 3,273 |
| nboats | 117 | 20,175 |
| Total | 318 | 23,448 |

eu and Ontario Navigation Company's steamers, market and local boats not included.)

RECAPITULATION.

| | | |
|---|---|---|
| | 71 | 131,332 |
| | 419 | 41,568 |
| | 318 | 23,448 |
| Graad total | 808 | 196,348 |

# APPENDIX No. 6.

## REPORT OF THE PICTOU HARBOUR COMMISSIONERS FOR THE YEAR ENDED DECEMBER 31, 1901.

PICTOU, N.S., January 9, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose you accounts of the Harbour Commissioners for the Port of Pictou, N.S., for the year ending December 31, 1901. Also, a statement from the Collector of Customs from this port.

Yours very truly,

HENRY G. IVES.
*Secretary.*

STATEMENT of Account of Harbour Dues collected at the Port of Pictou, N.S., for the year ending December 31, 1901.

| 1900. | RECEIPTS. | $ | $ |
|---|---|---|---|
| Dec. 31.. | Balance in Bank of Nova Scotia | 125 00 | |
| 1901. Dec. 31.. | Receipts of harbour dues collected during year ending December 31, 1901, 51,697 tons at 1½c per ton | 775 45 | |
| | | | 900 45 |
| | DISBURSEMENT. | | |
| | Paid Jas. A. Fraser, Harbour Master, during year ending December 31, 1901 | 300 00 | |
| | Deposited to the credit of Harbour Commissioners, in Bank of Nova Scotia | 475 45 | |
| 1901. | | | 775 45 |
| Dec. 31.. | Balance in Bank of Nova Scotia | 125 00 | |

R. A. FRASER,
*Collector.*

PICTOU, N.S., December 31, 1901.

**PAPER No. 23**

**ɔMMISSIONERS, Port of Pictou, N.S., in account with Henry G. Ives, Secretary.**

| | $ cts. | 1901. | | | $ cts. |
|---|---|---|---|---|---|
| ıissioners' travelling ex- | | Jan. 1 | By Balance in Bank of Nova | | |
| enses from New Glasgow.. | 20 00 | | Scotia per account..... | | 1,039 97 |
| McDonald's account..... | 14 52 | Dec. 31 | Deposited by collector of | | |
| Jas. Kitchin, mortgage, | | | customs, 1901..... | | 475 45 |
| 176.00; interest to date, | | " 31 | Deposit receipt.. | $2,587 50 | |
| 23.65..... | 199 65 | " 31 | One year's inter- | | |
| ng and recording release... | 5 47 | | est on deposit | | |
| A. Stalker, paint for buoys. | 1 50 | | receipt..... | 90 54 | |
| . Graham, wharfinger at | | | | | 2,678 04 |
| ew Glasgow..... | 25 00 | | | | |
| ) Hall, painting buoys..... | 5 50 | | | | |
| McDonald, poles for East | | | | | |
| ver..... | 4 40 | | | | |
| *May Queen*, putting out | | | | | |
| uoys..... | 30 00 | | | | |
| Fraser, bushing West river | 8 00 | | | | |
| ›ing buoy..... | 2 00 | | | | |
| ›meron, repairing buoy... | 1 80 | | | | |
| ı & English, bushing Mid- | | | | | |
| le river..... | 8 00 | | | | |
| ı & English, removing log | | | | | |
| ·om Middle river..... | 4 00 | | | | |
| for collector of customs.... | 11 55 | | | | |
| ıng East river..... | 20 00 | | | | |
| ›r McLean, repairs to wharf. | 3 12 | | | | |
| Harris, placing buoys..... | 2 00 | | | | |
| tary's salary..... | 100 00 | | | | |
| *May Queen*, taking in | | | | | |
| uoys..... | 24 00 | | | | |
| sit receipt 62484, Bank of | | | | | |
| ſova Scotia..... | 2,678 04 | | | | |
| ıce in Bank of Nova Scotia. | 1,024 91 | | | | |
| | | 1902. | | | |
| | 4,193 46 | | | | 4,193 46 |
| | | Jan. 1 | By Balance in Bank of Nova | | |
| | | | Scotia..... | | 1,024 91 |

HENRY G. IVES,
*Secretary.*

, N.S., January 4, 1902

# APPENDIX No. 7.

## REPORT OF THE HARBOUR COMMISSIONERS OF NORTH SYDNEY FO THE YEAR ENDED DECEMBER 31, 1901.

NORTH SYDNEY, C.B., June 2, 1902.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—The Harbour Commissioners for the port, beg to submit herewith inclose statement of receipts and expenditure in connection with this port for the year 19 Also the number of vessels that arrived here during the said year, together with quantity of coal shipped and iron ore imported.

There was no interruption to shipping during the winter months.

Your obedient servant,

WM. HACKETT,
*Secretary.*

Number, tonnage and classification of vessels that arrived at that port during year ending December 31, 1901. Navigated by 43,742 men.

| | Number. | Tonnage, |
|---|---|---|
| Ocean steamers | 990 | 1,070,853 |
| Coasting steamers | 176 | 55,952 |
| Barques | 8 | 6,124 |
| Brigantines | 18 | 3,711 |
| Barkentines | 13 | 2,119 |
| Schooners | 954 | 72,310 |
| | 2,159 | 1,211,069 |
| Coal shipments: | | |
| Dominion Coal Co., Ltd | | 1,182,401 |
| Nova Scotia Steel & Coal Co. Ltd | | 209,013 |
| Sydney Coal Co. Ltd | | 4,324 |
| | | 1,395,738 |
| Iron Ore importations: | | |
| Dominion Iron and Steel Co | | 400,000 |

WM. HACKETT,
*Secretary Harbour Commissioners.*

RBOUR COMMISSIONERS' Statement of Receipts and Expenditure for the Year ending December 31, 1901.

| 01. | Receipts. | $ cts. | 1901. | Expenditure. | $ cts. |
|---|---|---|---|---|---|
| . 1 | Amount on hand | 1,210 51 | Feb. 16 | W. J. Christie | 3 45 |
| . 26 | Received harbour dues | 44 34 | " 21 | Vroght Bros | 4 20 |
| . 22 | " " | 27 19 | " 28 | Forbes & Archibald | 3 60 |
| 31 | " " | 124 53 | " 28 | Intercolonial Railway | 6 75 |
| e 11 | " " | 96 23 | Mar. 19 | D. Rudderham | 9 00 |
| 5 | " " | 308 89 | April 22 | W. H. Lane | 5 00 |
| 6 | " " | 249 89 | May 1 | J. D. McNeil | 6 50 |
| 19 | " " | 299 65 | " 18 | J. W. Ingraham | 13 56 |
| 21 | " " | 668 05 | " 18 | Joseph Ivey | 4 15 |
| 21 | " " | 83 48 | June 12 | Buoying wreck | 0 50 |
| 29 | " " | 213 67 | " 19 | McDonald & Treen, work on breakwater | 405 55 |
| 31 | " " | 147 77 | Oct. 19 | Michael Morrison | 19 37 |
| | | | " 19 | Exchange on cheque | 0 25 |
| | | | " 19 | A. C. Thompson & Co | 9 24 |
| | | | Dec. 21 | W. F. Tutty | 26 00 |
| | | | " 30 | McDonald & Treen, work on breakwater | 200 00 |
| | | | " 30 | Rent | 75 00 |
| | | | " 30 | P. J. McDonald | 300 00 |
| | | | " 30 | M. W. Lawlor | 300 00 |
| | | | " 30 | Joseph Shean | 400 00 |
| | | | " 30 | Wm. Hackett | 400 00 |
| | | | " 31 | Balance on hand | 1,282 08 |
| | | 3,474 20 | | | 3,474 20 |

P. J. McDONALD,
M. W. LAWLOR,
WM. HACKETT,
*Commissioners.*

TH SYDNEY, C.B., June 2, 1902.

# APPENDIX No. 8.

## REPORT OF THE PILOTAGE DISTRICT OF MONTREAL FOR THE YEAR ENDED DECEMBER 31, 1900.

MONTREAL, July 10, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, as the Pilotage Authority, to transmit, for the information of the Honourable the Minister of Marine and Fisheries, the following report of the Pilotage District of Montreal, for the year ended December 31, 1901.

The accompanying statement gives the names, earnings, &c., of all the pilots for the past season, and shows an increase of $660.61 over the latter.

The total amount of pilotage dues was received from the following services, namely :—

BRITISH.

| | | |
|---|---|---|
| Steamships | $50,578 06 | |
| Sailing vessels | 147 50 | |
| | | $50,725 56 |

FOREIGN.

| | | |
|---|---|---|
| Steamships | $14,745 00 | |
| Sailing vessels | 379 74 | |
| | | 15,124 74 |
| Total | | $65,850 30 |

Before the opening of the season the selection of pilots for special service was made in conformity with by-laws 108 and 109 of the Commissioners, on application being made by the pilots.

On April 15, Pilot Elzéar Bellisle, sixty-seven years of age, was granted a renewal of his license for another year, after having filed a medical certificate to the effect that his eyesight was normal, and after being examined under the provisions of by-law 103.

Pilot Liboire Perrault, who was licensed on April 20, 1888, returned his branch in April 29, 1901, and asked to be placed on the pension list on account of impaired eyesight and general debility. As no medical certificate accompanied the application, Mr. Perrault was told to furnish one, which he did, and on July 17, he was pensioned for one year from May 1.

Early in the spring, pilot Joseph Sauvageau, who was licensed on October 10, 1893, had an attack of paralysis and filed a medical certificate stating that he was not able to pilot, consequently he was placed on the pension list for one year from May 1.

Three new pilots were granted branches after complying with all the requirements of the by-laws: they are J. H. Bourassa, of Deschambault, on April 16, and Joseph E. Pleau and George Veillet, of Ste. Anne de la Pérade, on July 25.

these additions there are 55 pilots on the list, while the number allowed by is 75.

ecember an examination of apprentice pilots was held at which there were idates, of whom Mr. J. A. W. Gariépy passed a satisfactory examination and ed a permit as provided by by-law No. 96.

xamination of applicants for the license was also held in December, and the list gives the names, age, residence and date of license of each apprentice serving his time under this authority.

LIST OF APPRENTICE PILOTS.

| Name. | Age. | Residence. | Date of License. |
|---|---|---|---|
| y, J. A. W. | 23 | St. Albans | June 2, 1896. |
| , Albert | 25 | Three Rivers | October 11, 1892. |
| Alfred | 25 | Ste. Anne de la Pérade | January 30, 1894. |
| e, Oswald | 26 | Portneuf | August 16, 1899. |
| n, Chas. B. | 22 | Champlain | " " |
| Tancrède | 24 | Deschambault | " " |
| J. B. | 21 | Ste. Anne de la Pérade | " " |
| e, Delavoie | 24 | Portneuf | " " |
| r, Laurent J | 24 | Deschambault | " " |
| t, David, fils | 21 | " | " " |
| n, Fortunat | 24 | " | " " |
| r, Cyriac | ..... | " | " " |
| Jos., fils | 19 | 88 Fleury St., Quebec | " " |
| tier, Eugène | 23 | Champlain | " " |
| J. Philéas | 25 | St. Jean, Island Orléans | " " |
| Frs. Xavier | 21 | Grondines | " " |
| ıd, Joseph | 20 | Lachevrotière | " " |
| , Alfred | 24 | Grondines | " " |
| ce, Napoléon | 18 | River Lafleur, Island Orleans | " " |
| e, Georges | 20 | Portneuf | December 4, 1900. |
| Emile | 24 | Deschambault | " " |
| Henri | 17 | " | " " |
| lle, Eugène | 19 | St. Michel de Bellechasse | " " |
| Théode | 18 | Deschambault | " " |
| , Arthur | 18 | Champlain | " " |
| ıu, Oscar | 24 | St. Michel de Bellechasse | " " |
| lt, Bona | 20 | St. Albans | " " |
| Côme | 20 | Deschambault | " " |
| che, Chas. Ed | 19 | Portneuf | " " |
| , Jos. Art | 18 | Champlain | " " |
| ıu, Anthime | 18 | Deschambault | " " |
| , Laurent | 17 | " | " " |
| u, Hormisdas | 18 | " | December 18, 1901. |
| , J. Alph | 17 | 280 rue de la Reine, Quebec | " " |

d examination (see report).

There are nine applicants to be placed on the list of apprentice pilots of whom Messrs. Jean Perrault and Emile Rodrigue, both of Deschambault, have passed their examination but have not yet taken their license.

LIST OF APPLICANTS FOR LICENSE OF APPRENTICE PILOT.

| No. | Name. | Residence. | Date of Application. |
|---|---|---|---|
| 1 | *Rodrigue, Emile | Deschambault | Jan. 30, 1900. |
| 2 | †Perrault, Jean | " | May 25, 1897. |
| 3 | Labranche, Louis George | Portneuf | Aug. 16, 1899. |
| 4 | Brière, Jules | " | Jan. 3, 1901. |
| 5 | Thibaudeau, A. Emile | " | " 7, 1901. |
| 6 | Belle Isle, N. Oscar | Deschambault | " 28, 1901. |
| 7 | Dussault, Laurent | " | March 2, 1901. |
| 8 | Simard, J. P. Geo. H | St. Michel de Bellechasse | " 6, 1901. |
| 9 | Arcand, Jos. Arthur | Deschambault | Aug. 31, 1901. |

*Passed examination December 4, 1900.
† " " 18, 1901.

The amounts received and expended by the Commissioners as Pilotage Authority for the district apart from their receipts and disbursements in trust for the Montreal Decayed Pilots' Fund, of which the annual report and statements have been sent to you, were as follows :—

RECEIVED.

| | |
|---|---|
| From J. H. Bourassa, fee of pilot's license | $ 10 00 |
| " George Veillet " " | 10 00 |
| " J. N. Raymond " " | 10 00 |
| Fees of 20 licenses of apprentice pilots | 100 00 |
| From pilots, 2 per cent of the pilotage dues on sundry vessels. | 10 94 |
| " Collector of Customs, Sorel, 2 per cent of the pilotage dues on vessels to and from Sorel | 4 39 |
| " Collector of Customs, Three Rivers, 2 per cent of the pilotage dues on vessels to and from Three Rivers and Batiscan | 23 22 |
| " Collector of Customs, Montreal, 2 per cent of the pilotage dues on vessels to and from Montreal | 1,243 45 |
| Total | $1,412 00 |

EXPENDED.

| | |
|---|---|
| By J. C. Hanley, stenographer's fees *re* complaint against pilot C. Auger | 3 50 |
| " Herald Publishing Company, books and stationery | $ 35 75 |
| " Geoffrion, Geoffrion & Cusson, professional services | 64 10 |
| " Three pilots' attendance at examination of apprentice pilots for branches | 83 65 |
| " Contribution towards the expenses of the Pilotage Office at Quebec which were $662.31, including agent's salary of $500 | 600 00 |
| Total | $737 00 |

The above statement shows that the receipts for the year exceeded the expenditure by $625 which reduced to $182.55 the amount at the debit of the account on December 31, 1900, of $807.55, which had accumulated during the previous six years.

The mishaps during the year, which were few, were investigated by the Commissioner of the Montreal Pilots Court, as provided by the Act 63–64 Victoria, chap. 36, 'An Act to amend the Pilotage Act.'

The water in the channel kept at a very satisfactory depth throughout the season, and a list of vessels which passed down during the latter part of the season, drawing twenty-six feet and over, with the relative depth in the channel on the day of passage as indicated by the Government gauge at Sorel, is as follows :—

STATEMENT SHOWING DRAUGHT OF STEAMSHIPS FOR PART OF SEASON OF 1901, DRAWING 26 FEET AND OVER.

| Date. | Steamer. | Draught when stationary in Harbour, by Pilot's Report | | Depth of Water in Channel, by Sorel Gauge. | |
|---|---|---|---|---|---|
| | | Ft. | In. | Ft. | In. |
| Aug. 7.... | SS. Sarmatian (down)..... | 26 | 8 | 27 | 8 |
| " 18.... | " Hurona " ..... | 26 | | 27 | 6 |
| Sept. 15.... | " Monteagle " ..... | 26 | | 27 | 2 |
| Nov. 1.... | " Iona " ..... | 26 | | 26 | 7 |

The semaphores at Cap Santé and Cap à la Roche were worked throughout the season, and for the information of pilots the depths of water which were received daily by telegram were posted in the Pilotage office here.

As information was received that vessels were discharging ashes in the channel, a notice calling attention to the by-law which prohibits so doing was sent to the shipping firms for distribution to masters of vessels, and in two cases fines were imposed.

The usual edition of the tide tables, the data for which were forwarded by your department, was published by the Commissioners and distributed to the pilots, and to the shipping firms for the use of the vessels.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH,
*Secretary.*

HARBOUR COMMISSIONERS OF MONTREAL,
SECRETARY'S OFFICE,
MONTREAL, January 8, 1902.

Col. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, to transmit you herewith, for the information of the Honourable the Acting Minister of Marine and Fisheries, the usual statements, (1) Receipts and disbursements of the Montreal Decayed Pilots' Fund, for the year ended December 31, 1901, and (2) Assets of the fund at December 31, 1901.

The following is an abstract of the former :

*Receipts.*

| | |
|---|---|
| 5 p. c. of pilotage dues collected at Montreal | $3,107 97 |
| " " " Three Rivers and Batiscan | 58 05 |
| " " " Sorel | 10 98 |
| " " payable on war vessels, &c., | 29 92 |
| Amount collected and applied under paragraph 62 of the Pilotage Act | 44 25 |
| | $3,251 17 |
| Interest on investments and deposit in bank | 2,369 85 |
| Total | $5,621 02 |

*Disbursements.*

| | |
|---|---|
| Pensions to old pilots, widows of pilots and minors | $5,649 90 |
| Audit of the fund for 1900 | 25 00 |
| Postage stamps and stationery | 10 00 |
| Total | $5,684 90 |
| Pension due to L. Perrault November 1, but not paid to him, a seizure having been placed thereon | 90 00 |
| | $5,777 90 |

showing a loss for the year of $153.88.

As it was apparent during the year that the revenue would not be sufficient to cover the pensions, the question of fixing the pensions according to the amount paid into the fund by the pilots was discussed and it is expected that a decision on this basis will shortly be arrived at so that the revenue will be sufficient to cover the expenditure.

Before the opening of navigation, pilot P. Bélanger who applied in the fall of 1900 to be placed on the pension list on account of impaired health, was granted a pension from May 1, and pilot J. Sauvageau who was suffering from paralysis of the tongue, was placed on the list temporarily for one year from May 1.

In May, pilot Liboire Perrault who applied for his pension in 1897, but which was not granted, renewed his application, and, on account of the general bad state of his health, he was placed on the list temporarily for one year.

Widow Zéphirin Mayrand, who had been a pensioner for 19 years, died on February 27, and old pilot Damase Cayen, of Portneuf, who was licensed on October 1, 1872, and a pensioner since May 1, 1895, died on August 29, age 61 years.

As is customary, the full pensions for the current quarters were paid to their legal heirs.

At the close of the year there were twenty-three pensioners, namely, 12 old pilots (two temporarily), 10 widows, and the minors of one pilot.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH,
*Secretary.*

| 1901. | | $ cts. |
|---|---|---|
| Jan. 1. | To Balance from December 1900 | 3,819 39 |
| " 31. | Montreal Harbour Coupons, due 5th January, 1901— | |
| | Series R, Nos. 20 and 102= 2×$15 00=$ 30 00 | |
| | " R " 42 and 117-119= 4× 30 00= 120 00 | |
| | " R " 84 = 1× 60 00= 60 00 | |
| | " D " 21 and 45-49 = 6× 25 00= 150 00 | |
| | " F " 164-172 = 9× 20 00= 180 00 | |
| | " G " 289-290 = 2× 20 00= 40 00 | |
| | " H " 64, 65, 139-142= 6× 20 00= 120 00 | |
| | " J " 221-246 =16× 20 00= 320 00 | |
| | | 1,020 00 |
| " 31. | City of Montreal, 6 months' interest to 1st January on $5,000.00 of 5 per cent Montreal City Stock | 125 00 |
| May 13. | Pilot B. Arcand, 5 per cent of pilotage dues ss. *A. D. Thomson*, Quebec to Montreal, draught 14 feet | 1 75 |
| " 25. | Pilot G. Dufresne, 5 per cent pilotage dues, yacht *Dorothea*, Quebec to Montreal, draught 11 feet | 1 37 |
| " 30. | Pilot U. Groleau, 5 per cent pilotage dues, yacht *Sagamore*, Quebec to Montreal, draught 11 feet | 1 37 |
| " 31. | Collector of Customs, Montreal, ⅔ Trinity dues collected in May | 424 18 |
| June 5. | Pilot E. Bellisle, 5 per cent pilotage dues, ss. *Miami*, Quebec to Montreal, draught 10 feet 6 inches | 1 31 |
| " 30. | Collector of Customs, Montreal, ⅔ Trinity dues, collected in June | 428 84 |
| July 5. | Pilot D. Nault, 5 per cent pilotage dues, yacht *Gundreda*, Montreal to Quebec and return, draught 11 feet 6 inches and 12 feet | 2 93 |
| " 6. | Pilot H. Dussault, 5 per cent pilotage dues, yacht *Gundreda*, Quebec to Montreal, draught 11 feet | 1 37 |
| " 22. | Pilot J. B. Nadeau, 5 per cent pilotage dues, yacht *Arec*, Quebec to Montreal, draught 11 feet | 1 37 |
| " 25. | Pilot M. Bouillé, 5 per cent pilotage dues, yacht *Gundreda*, Quebec to Montreal, draught 11 feet | 1 37 |
| " 25. | Pilot N. Bouillé, 5 per cent pilotage dues, barge *M. Bacon*, Quebec to Montreal, draught 7 feet | 70 |
| " 31. | Collector of Customs, Montreal, ⅔ Trinity dues, collected in July | 463 40 |
| " 31. | City of Montreal, six months' interest to 1st July on $5,000.00 of 5 per cent Montreal city stock | 125 00 |
| | Carried forward | 6,419 35 |

| 1901. | | $ cts. |
|---|---|---|
| Feb. 1. | By Pensions paid to the following for three months ended 31st January— | |
| | Heirs L. Bellisle | 37 33 |
| | Widow L. D. Bouillé | 29 33 |
| | " A. Dufresne | 37 33 |
| | " V. Gagnon | 37 33 |
| | " A. Gauthier | 32 00 |
| | " J. O. Hamelin | 37 33 |
| | " J. Leveillé | 37 33 |
| | " A. Lisé | 37 33 |
| | " D. Mathieu | 32 00 |
| | " Z. Mayrand | 37 33 |
| | " E. Naud | 32 00 |
| | " J. Toupin | 32 00 |
| | Old Pilot J. Arcand | 90 00 |
| | " C. Bellisle | 90 00 |
| | " Z. Bouillé | 90 00 |
| | " D. Cayen | 90 00 |
| | " F. Desjordy | 90 00 |
| | " P. Gagnon | 90 00 |
| | " L. Mayrand | 90 00 |
| | " A. Naud | 90 00 |
| | " D. Perrault | 90 00 |
| | " T. Toupin | 90 00 |
| May 1. | By Pensions paid to the following for three months ended 30th April— | |
| | Heirs L. Bellisle | 37 33 |
| | Widow L. D. Bouillé | 29 33 |
| | " A. Dufresne | 37 33 |
| | " V. Gagnon | 37 33 |
| | " A. Gauthier | 32 00 |
| | " J. O. Hamelin | 37 33 |
| | " J. Leveillé | 37 33 |
| | " A. Lisé | 37 33 |
| | " D. Mathieu | 32 00 |
| | " Z. Mayrand | 37 33 |
| | " E. Naud | 32 00 |
| | " J. Toupin | 32 00 |
| | Old Pilot J. Arcand | 90 00 |
| | " C. Bellisle | 90 00 |
| | " Z. Bouillé | 90 00 |
| | " D. Cayen | 90 00 |
| | Carried forward | 2,637 28 |

**Dr.** **David Seath, Treasurer, in account with the Montreal Decayed Pilots' Fund—*Continued.*** **Cr.**

| 1901. | | $ cts. |
|---|---|---|
| | Brought forward | 6,419 35 |
| July 31.. | To Montreal Harbour coupons, due July 5, 1901— | |
| | Series R, Nos. 20 and 102=2×$15= $ 30 00 | |
| | " R " 42 and 117-119=4× 30= 120 00 | |
| | " R " 84 =1× 60= 60 00 | |
| | " D " 21 and 45-49 =6× 25= 150 00 | |
| | " F " 164-172 =9× 20= 180 00 | |
| | " G " 289 and 290 =2× 20= 40 00 | |
| | " H " 64, 65, 139-142=6× 20= 120 00 | |
| | " J " 231-246 =16× 20= 320 00 | 1,020 00 |
| Aug. 5.. | Pilot G. T. Hamelin, 5 per cent pilotage dues on ss. *Donnacona*, Quebec to Montreal, draught 17 feet 3 inches | 2 15 |
| " 31.. | Pilot G. Viellette, 5 per cent pilotage dues on ss. *Hartford*, Quebec to Montreal, draught 9 feet | 1 13 |
| " 31.. | Collector of Customs, Montreal, ⅘ Trinity dues, collected in August | 648 45 |
| Sept. 12.. | Pilot G. Viellette, 5 per cent pilotage dues on yacht *Vesta*, Quebec to Montreal and return, draught 6 feet | 1 50 |
| " 23.. | Pilot G. Viellette, 5 per cent pilotage dues on ss. *Miami*, Montreal to Quebec, draught 11 feet | 1 43 |
| " 30.. | Collector of Customs, Montreal, ⅘ Trinity dues, collected in September | 414 00 |
| Oct. 31.. | Collector of Customs, Montreal, ⅘ Trinity dues, collected in October | 418 52 |
| Nov. 22.. | Pilot J. Pleau, 5 per cent pilotage dues on tug *Standard*, Quebec to Montreal and return, draught 13 feet 6 inches | 3 37 |
| " 29.. | Pilot G. Viellette, 5 per cent pilotage dues on ss. *Hugoma*, Montreal to Quebec, draught 12 feet | 1 50 |
| " 30.. | Collector of Customs, Montreal, ⅘ Trinity dues, collected in November | 301 00 |
| Dec. 4 . | Collector of Customs, Three Rivers, ⅘ Trinity dues, collected at Three Rivers and Batiscan in 1901 | 58 05 |
| " 5.. | Pilot G. Dufresne, 5 per cent pilotage dues on ss. *Minto*, Quebec to Montreal and return, draught | 4 50 |

| 1901. | | $ cts. |
|---|---|---|
| | Brought forward | 2,637 28 |
| | Old pilot F. Desjordy | 90 00 |
| | " P. Gagnon | 90 00 |
| | " L. Mayrand | 90 00 |
| | " A. Naud | 90 00 |
| | " D. Perrault | 90 00 |
| | " T. Toupin | 30 00 |
| Aug. 1.. | By pensions paid to the following for three months ended July 31— | |
| | Heirs L. Bellisle | 37 33 |
| | Widow L. D. Bouillé | 29 33 |
| | " A. Dufresne | 37 33 |
| | " V. Gagnon | 37 33 |
| | " A. Gauthier | 32 00 |
| | " J. O. Hamelin | 37 33 |
| | " J. Léveillé | 37 33 |
| | " A. Lisé | 37 33 |
| | " D. Mathieu | 32 00 |
| | " E. Naud | 32 00 |
| | " J. Toupin | 32 00 |
| | Old pilot J. Arcand | 90 00 |
| | " P. Bélanger | 90 00 |
| | " C. Bellisle | 90 00 |
| | " Z. Bouillé | 90 00 |
| | " D. Cayen | 90 00 |
| | " F. Desjordy | 90 00 |
| | " P. Gagnon | 90 00 |
| | " L. Mayrand | 90 00 |
| | " A. Naud | 90 00 |
| | " D. Perrault | 90 00 |
| | " L. Perrault | 90 00 |
| | " J. Sauvageau | 90 00 |
| | " T. Toupin | 90 00 |
| Sept. 19.. | Three months' pension paid to C. Cayen, legal heir of old pilot D. Cayen, who died on August 29, 1901 | 90 00 |
| Nov. 1.. | By pensions paid to the following for three months ended October 31— | |
| | Heirs L. Bellisle | 37 33 |
| | Widow L. D. Bouillé | 29 33 |
| | " A. Dufresne | 37 33 |
| | " V. Gagnon | 37 33 |
| | " A. Gauthier | 32 00 |
| | " J. O. Hamelin | 37 33 |
| | " J. Léveillé | 37 33 |

| | | |
|---|---|---|
| ..... | On schooner *Loyality*, Montreal to Quebec, draught 8 feet | 0 80 |
| " 11.. | Collector of Customs, Sorel, ½ Trinity dues, collected at Sorel in 1901 | 10 98 |
| " 17.. | Collector of Customs, Montreal, ½ Trinity dues, collected in December | 9 58 |
| " 31.. | Imperial Oil Company, pilotage dues on two American barges from Quebec to Montreal, No. 56, draught 12 feet 6 inches | 25 00 |
| | No. 72, draught 9 feet 7 inches, collected under section 62 of the Pilotage Act | 19 25 |
| " 31.. | Montreal City and District Savings Bank, interest at rate of three per cent per annum on money on deposit during 1901 | 79 85 |
| | Total | 9,440 41 |

| | | |
|---|---|---|
| | " A. Lisé | 37 33 |
| | " D. Mathieu | 32 00 |
| | " E. Naud | 32 00 |
| | " J. Toupin | 32 00 |
| | Old pilot J. Arcand | 90 00 |
| | " P. Bélanger | 90 00 |
| | " C. Bellisle | 90 00 |
| | " Z. Bouillé | 90 00 |
| | " F. Desjordy | 90 00 |
| | " P. Gagnon | 90 00 |
| | " L. Mayrand | 90 00 |
| | " A. Naud | 90 00 |
| | " D. Perrault | 90 00 |
| | " J. Sauvageau | 90 00 |
| | " T. Toupin | 90 00 |
| " 23.. | Riddell & Common, audit of fund | 25 00 |
| " 31.. | Stationery and postage on pensions remitted during season of 1901 | 10 00 |
| " 31.. | Balance to January, 1902 | 3,755 51 |
| | Total | 9,440 41 |

DAVID SEATH, Treasurer, in Account with the Montreal Decayed Pilots' Fund.

STATEMENT OF THE FUND.

| Nos. | Series. | — | $ cts. |
|---|---|---|---|
| | | Montreal harbour debentures— | |
| 20 and 102 | R | Due July 5, 1906, interest at 6 per cent, 2 × $ 500 | 1,000 00 |
| 42 and 117-119 | R | " 5, 1906 " 6 " 4 × 1,000 | 4,000 00 |
| 84 | R | " 5, 1906 " 6 " 1 × 2,000 | 2,000 00 |
| 21 and 45-49 | D | " 5, 1915 " 5 " 6 × 1,000 | 6,000 00 |
| 164-172 | F | " 5, 1917 " 4 " 9 × 1,000 | 9,000 00 |
| 289-290 | G | " 5, 1918 " 4 " 2 × 1,000 | 2,000 00 |
| 64-65 | H | " 5, 1921 " 4 " 2 × 1,000 | 2,000 00 |
| 139 142 | H | " 5, 1921 " 4 " 4 × 1,000 | 4,000 00 |
| 231-246 | J | " Jan. 5, 1924 " 4 " 16 × 1,000 | 16,000 00 |
| | | City of Montreal consolidated fund— | |
| 165 | ..... | Due July 1, 1910, interest at 5 per cent, 50 × $100 | 5,000 00 |
| | | Cash in Montreal City and District Savings Bank at 3 per cent | 3,665 19 |
| | | | 54,665 19 |
| | | Cash in Montreal City and District Savings Bank for pension of L. Perrault, due November 1, but not paid him, a seizure having been placed thereon | 90 00 |
| | | Cash in Commissioners' hands | 0 32 |
| | | | 54,755 51 |

DAVID SEATH,
*Treasurer.*

MONTREAL, December 31, 1901.

We hereby certify that we have examined the entries for the year 1901, as recorded in the preceding pages, numbered from one to four, and have found them to agree with vouchers on file. Also, that debentures and certificates to the amount of $54,755.51, as described in statement on opposite page, have been this day submitted for our inspection.

RIDDELL & COMMON, C.A.,
*Auditors.*

MONTREAL, January 7, 1902.

# APPENDIX No. 9.

## REPORT OF THE PILOTAGE AUTHORITY OF QUEBEC FOR THE YEAR ENDED DECEMBER 31, 1901.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 22, 1902.

F. GOURDEAU, Esq.
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to transmit you, herewith, in duplicate the Commissioners' report as Pilotage Authority for the year 1901, as also the various statements containing the information yearly conveyed to your department.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
*Secretary-Treasurer.*

## QUEBEC HARBOUR COMMISSIONERS' REPORT AS THE PILOTAGE AUTHORITY FOR THE YEAR 1901.

*(Under 36th Victoria, Chapter 54, Section 22.)*

QUEBEC, January 2, 1902.

To the Honourable JAMES SUTHERLAND, M.P.,
Acting Minister of Marine and Fisheries, &c., &c.,
Ottawa.

SIR,—In compliance with the requirements of 'The Pilotage Act,' 36 Victoria, chapter 54, section 22, I have the honour to submit the following report, from the Quebec Harbour Commissioners as Pilotage Authority, for the year 1901.

### SERVICE OF THE PILOT STATIONS.

The operations of the year began on the April 16, when the Pilot Schooner *La Mouette* left with eight pilots.

The Pilot Schooner *La Vigie* left on April 27 with eleven pilots, and on May 4 and 6, fourteen pilots were sent down by the Intercolonial Railway.

As usual all the pilot stations have been provided with pilots during the season through the Intercolonial Railway and the pilot schooners, and the service has been performed to the satisfaction of the Commissioners.

OLD PILOTS.

Previous to the opening of navigation. all the old pilots, eight in number, who had attained the age of sixty-five and over, were summoned before the Commissioners under the authority of the 32nd section of the Pilotage Act, in order to ascertain whether they could continue in the exercise of their duties for the ensuing year. They were all found competent to perform their duties and their licenses were accordingly renewed for one year.

DEATHS.

Three pilots have died during the year, namely: Alfred Dion, admitted on April 12, 1884. Joseph François Xavier Bernier, admitted on July 26, 1876; Adélard Sansterre, admitted on May 2, 1876.

The Commissioners are pleased to state that these pilots have left a very good record, two of them, Messrs. Dion and Sansterre, not having a complaint or accident entered against their names.

COMPLAINTS AGAINST THE PILOTAGE SERVICE.

Complaint of delay in getting his pilot at Bic, on September 23, was made by the master of the SS. *Louisburg*, and also that pilot No. 29 anchored the *Louisburg* below Crane Island Channel during a fine beautiful moonlight night, when large steamers bound to Quebec passed up, losing eleven hours and a half by this delay. Commissioners had pilot No. 29 and the master of pilot boat before them on October 18, and carefully inquired into this complaint, and so far as the evidence of these witnesses goes to show, they could not find the complaint of the master of the *Louisburg* well-founded.

TRIALS.

Six pilots have been placed on trial before the Commissioners during the season of 1901. Five of them on complaints from shipmasters or their agents, and one of them on a complaint from the Corporation of Pilots. In three of the cases, the pilots were found guilty, and in the others three verdicts of not guilty were rendered.

A statement annexed to this report conveys all the particulars as to the nature of the complaints and the result of the investigations.

BY-LAWS.

Commissioners have recently revised the by-laws governing the Corporation of Pilots for and below the Harbour of Quebec. These, after the necessary submission to the Corporation of Pilots will be forwarded to Ottawa for the approval of His Excellency the Governor General in Council.

Some important additions have been made to the by-laws governing the pilots, one of which requires the examination of the eyesight of all the pilots on the active list every third year.

IMPROVEMENTS TO LIGHTS AND BUOYS OF THE LOWER ST. LAWRENCE.

The Commissioners having solicited an interview with the Premier, the Right Honourable Sir Wilfrid Laurier, so as to place before him the improvements and additions that were required to the aids to navigation in the Lower St. Lawrence, he kindly granted their request, and, accompanied by the Deputy Minister of Marine and Fisheries, Mr. F. Gourdeau, met them at their Board room, on the afternoon of July 10, when the following memorandum of requirements was submitted for his consideration:

1st. For leaving harbour, a gas buoy at Point Levis until the lighthouse on the west of the Island of Orleans already promised is completed.

2nd. A gas buoy at Beaumont.

3 d. Bellechasse light to be made an occulting light.

4th. At St. Thomas to give a depth of five fathoms.

5th. To straighten the little channel at Crane Island and give it a depth of five fathoms, and to erect a pier with a light at the west end of this channel to form a leading light with Crane Island light.

6th. A gas buoy at south side of channel that is between Stone Pillars and Channel Patch.

7th A gas buoy to replace the red buoy at the west end of the Traverse opposite the pillar or present pier.

8th. A pier or block with light where now stands the black buoy to replace the lightship at Pointe St. Roch.

9th. To move the Red island lightship in twenty (20) fathoms to the south.

10th. A gas buoy on the north-west reef of Bicquet with bell or whistle.

11th. A gas buoy at Vaches Patch at the entrance of the Saguenay in place of the present buoy.

12th. It is important that the Red Island lighthouse should have a siren.

13th. Pilots recommend and urge that the lightship in the South Traverse be placed where the black buoy now is on Pointe St. Roch until the permanent pier is built.

14th. That all lights and gas buoys not occulting be made occulting.

The Commissioners are pleased to state that this interview so kindly given was most satisfactory in every respect, and they hope to see most of the improvements thus recommended carried into effect before the opening of the next season of navigation.

### PILOTAGE EARNINGS.

According to a return received from the secretary treasurer of the Corporation of Pilots for and below the Harbour of Quebec, their gross earnings for the season have been $114,874.31. Out of this sum $111,285.74 was received from 793 British vessels, and the balance, $3,588.57 from 48 foreign vessels.

The total expenses, including percentage for pension fund, have been $23,149.48, leaving a net balance of $91,724.83 to be divided among 116 pilots, giving them net earnings of say $791 each.

### DIRECTORS OF THE CORPORATION OF PILOTS.

At their annual meeting held on the tenth day of December last, the pilots elected the following directors to their corporation for the ensuing year: Messrs. L. E. Morin, Ed. Larochelle, sr., Théophile Corriveau, Léon Labrecque, Jos. H. Talbot and Louis Thivierge. And at a subsequent meeting of the new board, held on December 11, Mr. L. E. Morin was unanimously re-elected President.

Annexed to the present report are the various statements not herein alluded to, which contain all the information yearly conveyed to your department by the Commissioners' in their capacity of the pilotage authority.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
*Secretary-Treasurer.*

## PILOTAGE TARIFF.

RATES of Pilotage for the Harbour of Quebec and below, as per by-law passed by the Quebec Harbour Commissioners, on June 18, 1891, and sanctioned by His Excellency the Governor General in Council, on June 26, 1891.

### TABLE I.

RATES of Pilotage for the Harbour of Quebec and below, for each foot of draught of Water.

| From | To | From May 1 to Nov. 10. | From Nov. 10 to Nov. 19. | From Nov. 19 to March 1. | From March 1 to May 1. |
|---|---|---|---|---|---|
| Bic Island or any place below the anchorage of Brandy Pots, off Hare Island..... | Anchorage or mooring ground in the Basin or Harbour of Quebec | $3.87 | $4·95 | $6·02 | $4.41 |
| The anchorage ground at the Brandy Pots off Hare Island or any place above the said anchorage ground and below St. Roch's Point. | " " ... | ⅔ of this sum | ⅔ of this sum | ⅔ of this sum | ⅔ of this sum |
| St. Roch's Point or any place above this Point and below the Point-aux-Pins, on Crane Island..... | " " .... | ⅓ " .. | ⅓ " .. | ⅓ " .. | ⅓ " .. |
| Point-aux-Pins or Crane Island or any place below St. Patrick's Hole..... | " " .... | ¼ " .. | ¼ " .. | ¼ " .. | ¼ " .. |
| The anchorage or mooring ground in the Basin or Harbour of Quebec..... | Bic Island or the place where the pilot shall be discharged in the river below Quebec.. | $3.40 | $4.46 | $5.54 | $3.93 |

### TABLE II.

RATES of Pilotage for the Harbour of Quebec and below.

| From | To | $ cts. |
|---|---|---|
| Any wharf in the harbour of Quebec between Pointe-à-Carcy, below and the west end of the Allan's wharf above, both inclusive..... ..... | Any other wharf within said limits..... . | 2 00 |
| Any place in the harbour of Quebec, not being a wharf within the above mentioned limits.. ..... | Any other place in the said harbour not being a wharf within the said limits.. | 5 00 |

Pilots taking charge of vessels at St. Patrick's Hole or above it, shall be entitled to no more than the sum allowed in Table II for piloting vessels from one part of the harbour to another.

J. B. LALIBERTÉ,
*Chairman.*

JAS. WOODS,
*Seccretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

| Number. | Name. | Age. | Residence. | Number of Pilotages Effected. | | | Casualties and Remarks. |
|---|---|---|---|---|---|---|---|
| | | | | Inwards. | Outwards. | Movages. | |
| 1 | Charles Francis Brown | 74 | Quebec | 4 | 3 | 3 | |
| 2 | Paul Pâquet | 70 | St. John, Orleans | 3 | 4 | 3 | |
| 3 | Joseph Pouliot | 75 | " | 1 | 0 | 1 | Sick since the month of August. |
| 4 | Georges Normand | 71 | Crane Island | 4 | 3 | 3 | |
| 5 | David Damours | 69 | Trois Pistoles | 4 | 3 | 3 | |
| 6 | Numa Lachance | 67 | St. Michel, Bellechasse | 4 | 3 | 3 | |
| 7 | Joseph Gravel | 75 | Quebec | 3 | 4 | 3 | |
| 8 | Jean-Bte. Pouliot | 60 | St. John, Orleans | 4 | 3 | 3 | |
| 9 | Joseph Pâquet | 64 | Quebec | 2 | 4 | 2 | |
| 10 | Louis Edmond Morin | 63 | " | 16 | 14 | 1 | Employed by the Thomson Line. President of the Corporation of Pilots. Re-elected at last election. |
| 11 | Moïse Lachance | 64 | St. John, Orleans | 1 | 4 | 3 | |
| 12 | Joseph S. Brown | 66 | Quebec | 4 | 4 | 2 | |
| 13 | Hubert Raymond | 62 | " | 0 | 0 | 0 | Office-keeper. |
| 14 | Achille Damours | 62 | St. Valier | 4 | 3 | 3 | |
| 15 | Joseph Pouliot | 58 | St. John, Orleans, | 0 | 0 | 0 | Sick all the season. |
| 16 | Edmond Larochelle, sr | 58 | Quebec | 1 | 2 | 0 | One of the directors of the Corporation of Pilots. Re-elected at last election. |
| 17 | Laurent Godbout | 58 | " | 3 | 3 | 3 | |
| 18 | Adelme Pouliot | 62 | St. Laurent, Orleans | 3 | 3 | 3 | |
| 19 | Bart. Pepin dit Lachance | 56 | St. John, Orleans | 13 | 13 | 1 | Employed by the Black Diamond Line. |
| 20 | Frs.-Xav. Delisle | 56 | Quebec | 2 | 3 | 3 | |
| 21 | Damien Eugène Boulanger | 58 | Tadoussac | 0 | 0 | 0 | Master of Saguenay Station. |
| 22 | Cyprien Langlois | 57 | St. John, Orleans | 2 | 2 | 3 | Sick since the month of October. |
| 23 | Charles Normand | 55 | Quebec | 17 | 18 | 1 | Employed by the Black Diamond Line. |
| 24 | Napoleon Rioux | 56 | Ste. Pétronille, Orleans | 4 | 4 | 3 | |
| 25 | Jean-Bte. Tremblay | 58 | Quebec | 3 | 3 | 3 | |
| 26 | Raym. Baquet dit Lamontagne | 56 | Notre Dame. Lévis | 13 | 14 | 1 | " Elder-Dempster Line. |
| 27 | Frs.-Xav. Lamarre | 55 | St. Valier | 10 | 7 | 1 | " Franco-Canadian Line. |
| 28 | Moïse Pouliot | 53 | St. John, Orleans | 4 | 3 | 3 | |
| 29 | Paul Gobeil | 55 | " | 4 | 2 | 3 | |
| 30 | Chs. Alarie Raymond | 53 | Chateau-Richer | 3 | 2 | 3 | |

STATEMENT showing the number of Pilots for and below the Harbour of Quebec, &c—*Continued.*

| Number. | Name. | Age. | Residence. | Number of Pilotages Effected. Inwards. | Outwards. | Movages. | Casualties and Remarks. |
|---|---|---|---|---|---|---|---|
| 31 | Victor Vézina | 56 | Quebec | 14 | 15 | 1 | Employed by the Thomson Line. |
| 32 | L. B. O. Goutron dit Larochelle | 54 | St. Michel, Bellechasse | 20 | 21 | 1 | " Allan Line. |
| 33 | Chs. Hermie alias A. Bernier | 56 | " " | 0 | 0 | 0 | One of the directors of the Corporation of Pilots. Not re-elected at last election. |
| 34 | Louis Robert Demers | 55 | Quebec | 15 | 15 | 2 | Employed by the Quebec SS. Co. |
| 35 | Vital Ephrem Chamberland | 61 | St. Michel, Bellechasse | 4 | 2 | 2 | |
| 36 | Joseph G. Dupil | 54 | Quebec | 19 | 9 | 1 | Employed by the Allan Line. |
| 37 | Joseph Fortier | 57 | St. John, Orleans | 8 | 9 | 1 | " Black Diamond Line. |
| 38 | Nestor Lachance | 56 | " | 8 | 10 | 1 | " Holme Line. |
| 39 | Cyrille Audet dit Lapointe | 56 | St. Michel, Bellechasse | 3 | 1 | 3 | Sick since the month of October. |
| 40 | Joseph Lapointe | 58 | St. Laurent, Orleans | 3 | 2 | 3 | |
| 41 | Pierre Pepin dit Lachance | 52 | Montreal | 15 | 15 | 1 | Employed by the Black Diamond Line. |
| 42 | Théophile Gourdeau | 57 | Lauzon, Lévis | 2 | 2 | 2 | Sick since the month of September. |
| 43 | Isiode Noël | 51 | St. John, Orleans | 4 | 1 | 2 | |
| 44 | Jean Evariste Adam | 57 | Trois-Saumons | 0 | 0 | 0 | Sick all the season. |
| 45 | Alfred Larochelle | 51 | St. Michel, Bellechasse | 15 | 16 | 1 | Employed by the Elder, Dempster Line. |
| 46 | Théophile Corriveau | 54 | Quebec | 0 | 0 | 0 | One of the directors of the Corporation of Pilots. Re-elected at last election. |
| 47 | Elzéar Godbout | 53 | " | 12 | 14 | 1 | Employed by the Black Diamond Line. |
| 48 | Pierre Gobeil | 53 | St. John, Orleans | 4 | 1 | 3 | |
| 49 | Théophile Pepin dit Lachance | 56 | Montreal | 15 | 15 | 1 | " " |
| 50 | Achille Treffé Simard | 50 | St. Joseph, Lévis | 18 | 17 | 1 | " Head Line. |
| 51 | Jean-Bte Patoine | 50 | Montreal | 11 | 11 | 1 | " Black Diamond Line. |
| 52 | Narc. Lavoie | 52 | Ste. Luce, Rimouski | 3 | 3 | 3 | |
| 53 | Joseph Emilio Couillard | 50 | Quebec | 9 | 8 | 1 | " Ross Line. |
| 54 | Louis Albert Royer | 56 | " | 17 | 17 | 1 | " Intercolonial Mine Co. |
| 55 | Adélard Santerre | 50 | " | 17 | 21 | 1 | " Allan Line. Died September 29. |
| 56 | Onésime Noël | 49 | St. John, Orleans | 14 | 15 | 1 | |
| 57 | Napoléon Baillargeon | 51 | Quebec | 3 | 2 | 2 | |
| 58 | Jos. Frs-Xav. Bernier | 49 | " | 0 | 0 | 0 | Accidentally drowned April 18. |
| 59 | Frs-X. Demeules | 49 | St. John, Orleans | 0 | 0 | 0 | Master of Pilot Schooner, *Vigie.* |
| 60 | Louis Honoré Lapierre | 51 | Notre Dame, Lévis | 7 | 7 | 1 | Employed by the Black Diamond Line. |
| 61 | Jos. Eugène Lachance | 47 | St. John, Orleans | 20 | 20 | 1 | " Leyland Line. |
| 62 | David Arthur Bouffard | 47 | St. Laurent, Orleans | 3 | 2 | 2 | |
| 63 | Jean Théophile St. Laurent | 50 | Quebec | 22 | 16 | 1 | " Elder, Dempster Line. |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 64 | Jacques Georges Dugas | 49 | St. Joseph, Lévis | 2 | 4 | 3 | |
| 65 | Joseph Victor Gourdeau | 54 | Ste. Petronille, Orleans | 8 | 8 | 1 | " Black Diamond Line. |
| 66 | Louis *alias* Trefflé Delisle | 47 | Trois Pistoles | 4 | 4 | 3 | |
| 67 | J-Bte Couillard | 50 | Cap. St. Ignace | 4 | 2 | 3 | |
| 68 | Chs. Pelletier | 51 | St. Michel, Bellechasse | 3 | 2 | 2 | |
| 69 | Nazaire Delisle | 62 | Quebec | 2 | 4 | 2 | |
| 70 | J. E. Bonaventure Lavoie | 49 | Ste. Luce, Rimouski | 3 | 3 | 3 | |
| 71 | Adjutor Baillargeon | 47 | Quebec | 17 | 15 | 1 | Employed by the Hamburg American Packet Co. and Furness Withy. |
| 72 | Samuel Rioux | 48 | " | 22 | 16 | 1 | Employed by the Allan Line. |
| 73 | Charles Octave Clavet | 47 | St. Michel, Bellechasse | 14 | 13 | 1 | " Black Diamond Line. |
| 74 | Paul Lachance | 45 | Quebec | 15 | 17 | 1 | " Hamburg-American Packet Co. and Furness Withy. |
| 75 | Arcadius Jouvin | 43 | Ste. Luce, Rimouski | 3 | 2 | 2 | |
| 76 | Léon Labrecque | 51 | St. Laurent, Orleans | 0 | 0 | 0 | One of the directors of the Corp. of Pilots. Re-elected at last election. |
| 77 | Paul Lachance | 46 | St. John " | 9 | 9 | 1 | Employed by the Ross Line. |
| 78 | Joseph Pouliot | 45 | " " | 6 | 7 | 1 | " Leyland Line. Director of the Corp. of Pilots. Not re-elected at last election. |
| 79 | Joseph Larochelle | 44 | St. Michel, Bellechasse | 2 | 1 | 1 | Suspended to August 1, 1901. |
| 80 | Adjutor Lachance | 43 | " " | 3 | 4 | 2 | |
| 81 | Frs. Goudreau | 50 | Quebec | 11 | 16 | 2 | Employed by the Head Line. |
| 82 | Arthur Koenig | 50 | L'Islet | 5 | 9 | 1 | " Black Diamond Line. |
| 83 | Eugène Anctil | 42 | St. Jean Port Joly | 0 | 0 | 0 | Master of pilot schooner *Mouette*. |
| 84 | David Dumas | 48 | Notre-Dame, Lévis | 4 | 2 | 2 | |
| 85 | Jos. Lachance | 47 | St. Laurent, Orleans | 18 | 18 | 1 | Employed by the Black Diamond Line. |
| 86 | Paul Paquet | 43 | St. John " | 4 | 3 | 3 | |
| 87 | Alphonse Pouliot | 49 | Château Richer | 3 | 3 | 2 | |
| 88 | Elzéar Normand | 42 | L'Islet | 4 | 2 | 2 | |
| 89 | Jean-Bte. Bernier | 42 | " | 22 | 22 | 1 | " Donaldson Line. |
| 90 | Joseph Paquet | 40 | St. John, Orleans | 2 | 4 | 3 | |
| 91 | Jean A. Lachance | 39 | Quebec | 3 | 5 | 3 | |
| 92 | Arthur Baillargeon | 44 | " | 9 | 8 | 1 | " Diamond Line. |
| 93 | Joseph Vezina | 40 | St. Laurent, Orleans | 4 | 3 | 3 | |
| 94 | Herménégilde Guénard | 43 | St. Thomas, Montmagny | 4 | 3 | 2 | |
| 95 | Elzéar Desrosiers | 48 | Quebec | 4 | 3 | 3 | |
| 96 | Joseph A. Irvine | 45 | Green Island | 0 | 0 | 0 | Master Red Island Lightship. |
| 97 | Frederick Bouffard | 44 | St. Laurent, Orleans | 3 | 4 | 3 | |
| 98 | Jules Asselin | 40 | St. Michel, Bellechasse | 10 | 11 | 1 | Employed by the Diamond Line. |
| 99 | Prudent Marmen | 42 | Beauport | 2 | 1 | 1 | Suspended to July 18, 1902. |
| 100 | Lucien Lachance | 40 | Quebec | 14 | 16 | 1 | Employed by the Thompson Line. |
| 101 | Camille Bernier | 43 | do | 15 | 19 | 1 | " Hamburg-American Packet Co. and Furness Withy. |
| 102 | Moïse Blouin | 50 | St. John, Orleans | 4 | 1 | 4 | |
| 103 | Moïse *alias* Laurent Godbout | 41 | Quebec | 2 | 3 | 2 | |
| 104 | Alfred Godreau | 48 | Cap St. Ignace | 4 | 2 | 3 | |
| 105 | Alfred Raymond | 40 | Kamouraska | 3 | 4 | 3 | |
| 106 | Philéas Lachance | 41 | St. John, Orleans | 14 | 15 | 1 | " Black Diamond Line. |
| 107 | Joseph H. Talbot | 39 | Berthier | 8 | 7 | 1 | " Donaldson Line. Elected director of the Corp. of Pilots at last election. |
| 108 | Moïse Arthur Lachance | 38 | St. John, Orleans | 4 | 3 | 3 | |
| 109 | Louis Frs. Thivierge | 35 | " " | 4 | 3 | 3 | Elected director of the Corp. of Pilots at last election. |
| 110 | Jos. Emilien *alias* Emil Lachance | 35 | " " | 3 | 4 | 3 | |

STATEMENT showing the number of Pilots for and below the Harbour of Quebec, &c—*Concluded.*

| Number. | Name. | Age. | Residence. | Number of Pilotages Effected. | | | Casualties and Remarks. |
|---|---|---|---|---|---|---|---|
| | | | | Inwards. | Outwards. | Movages. | |
| 111 | Alphonse Asselin | 36 | Quebec | 4 | 5 | 4 | |
| 112 | Edmond Larochelle | 35 | St. Michel, Bellechasse | 13 | 18 | 1 | Employed by the Elder-Dempster Line. |
| 113 | Joseph Plante | 35 | St. Paul's Bay | 4 | 2 | 3 | |
| 114 | Alphonse Paquet | 35 | St. John, Orleans | 6 | 6 | 1 | " Black-Diamond Line. |
| 115 | Paul *alias* Napoléon Pouliot | 42 | " " | 3 | 3 | 2 | |
| 116 | Adélard Bermier | 40 | Quebec | 16 | 17 | 1 | " Elder Dempster Line. |
| 117 | Adélard Vézina | 31 | St. Michel, Bellechasse | 3 | 5 | 3 | |
| 118 | Jean-Bte. Pouliot | 31 | St John, Orleans | 8 | 9 | 1 | " N. A. Transportation Con. |
| 119 | Joseph Thiverge | 32 | " " | 3 | 4 | 2 | |
| 120 | Léonidas Lachance | 31 | " " | 3 | 3 | 2 | |
| 121 | Eudore Langlois | 39 | " " | 3 | 3 | 2 | |
| 122 | Frs.-X. Eustache *alias* Wm. Doiron | 41 | St. Joseph, Lévis | 3 | 2 | 2 | |

Certified.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

JAS. WOODS,
*Secretary-Treasurer.*

LIST of Apprentice Pilots immediately under the Quebec Harbour Commissioners Pilotage Authority on December 31, 1901.

| No. | Names. | When Indentured. | Remarks. |
|---|---|---|---|
| 1 | Georges Dugas | April 11, 1871 | Absent since the fall of 1877. |
| 2 | Ernest Nolet | March 19, 1874 | Absent since the fall of 1878. |

Certified,

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January, 2, 1902.

JAS. WOOD,
*Secretary-Treasurer.*

STATEMENT of Trials held during the year 1901, before the Quebec Harbour Commissioners, under the authority of the Pilotage Act, 36 Vic., chap. 54, and 45 Vic., chap. 32, sec. 4.

| Name of Pilot Tried. | Nature of Complaint. | Date of Trial. | Result. |
|---|---|---|---|
| Prudent Marmen | For being in a state of intoxication when on duty as a pilot. | July 18 | Found guilty and suspended for twelve months. |
| Louis Honoré Lapierre | For stranding ss. *Louisburg* on Red Island Shoal, on July 6. | July 18, 23 | Found guilty and fined $100. |
| Laurent Godbout | For stranding Barge *Grandee* on Red Island Shoal (in tow of ss. *Louisburg*) on July 6. | July 18, 23 | Found not guilty. |
| Alphonse Asselin | For grounding ss. *Catalone* in Crane Island on July 13. | July 26 | Found not guilty. |
| Jean-Baptiste Couillard | For grounding ss. *Urania* off Lark Point on October 10. | Oct. 18, 21. | Found guilty and suspended for nine months. |
| Joseph Victor Gourdeau | For running ashore the ss. *Alf* on St. Rochs Shoal at the foot of Traverse on November 26. | Dec. 13, 20 and 21. | Found not guilty. |

Certified,

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

JAS. WOODS,
*Secretary-Treasurer.*

QUEBEC, December 31, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to transmit to you a detailed statement, in duplicate, of the moneys received and expended for the Decayed Pilot Fund of Quebec for the year just ended; also a similar statement, in duplicate, of the moneys received and expended by the Corporation of Pilots; all of which revised and certified.

| | |
|---|---|
| The total amount of receipts was | $114,874 31 |
| The total expenditure was | 23,149 48 |
| Leaving a net balance of | $91,724.83 |

To be distributed among 116 pilots, giving a net dividend of $791.

Forty-eight foreign vessels paid in $3,588.57, and seven hundred and ninety-three British vessels paid in $111,285.74.

Three pilots died during the year: Messrs. Alfred Dion, Jos. F. X. Bernier and Adélard Sansterre.

All of which is respectfully submitted.

F. X. DION,
Secretary-Treasurer.

# THE CORPORATION OF PILOTS.

STATEMENT of Moneys received and expended by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, during the year 1901.

| RECEIPTS. | $ cts. |
|---|---|
| To balance of 1900 | 22,251 20 |
| Percentage on contributions of pilots | 7,942 81 |
| Interest on investments | 3,965 50 |
| Interest from savings bank | 720 99 |
| | 34,880 50 |

| EXPENDITURE. | |
|---|---|
| By pensions | 9,083 24 |
| By relief | 500 00 |
| General expenses | 58 50 |
| Salaries | 550 00 |
| Churchwardens of St. Valier, loan | 7,000 00 |
| " St. Romuald, loan | 12,000 00 |
| Deposit in savings bank | 5,600 00 |
| Balance on hand | 88 76 |
| | 34,880 50 |

PENSIONERS RELIEVED BY THE FUND.

| | |
|---|---|
| Adam, J. E | 200 00 |
| Pouliot, Joseph, 3 | 200 00 |
| Pouliot, Joseph, 1 | 50 00 |
| Gourdeau, Théophile | 50 00 |
| | 500 00 |

PENSIONERS AT THE EXPENSE OF THE FUND.

*Amount paid to each during the year, from November 1, 1900, to November 1, 1901, inclusive, but paid from January 1 to December 31, 1901.*

*Seven Pilots at $150.*

| | |
|---|---|
| Chassé, Jean, died Oct., 6, 1901 | 139 50 |
| Couillard, Jos. Ph | 150 00 |
| Genest, Édouard | 150 00 |
| Dufresne, Jérémie, died Feb. 27, 1901 | 48 84 |
| Pouliot, Joseph | 150 00 |
| Talbot, J.-Bte | 150 00 |
| Ménard, Régis | 150 00 |
| | 938 34 |

*Three Pilots at $136.*

| | |
|---|---|
| Chouinard, Thomas | 136 00 |
| Cyrodeau, Nazaire (pension stopped) | 34 00 |
| Pépin dit Lachance, Jos | 136 00 |
| | 306 00 |

*Two Pilots at $122.*

| | |
|---|---|
| Dick, Ovide | 122 00 |
| Lapointe, Cyrille | 122 00 |
| | 244 00 |

*One Pilot at $120.*

| | |
|---|---|
| Pelletier, Francois | 120 00 |

*Two Pilots at $110.*

| | $ cts. |
|---|---|
| Pouliot, Paul | 110 00 |
| Raymond, Léandre | 110 00 |
| | 220 00 |

*One Pilot at $70.*

| | |
|---|---|
| Forbes, James, arrears | 17 50 |
| " one year | 70 00 |
| | 87 50 |

WIDOWS.

*Twenty-eight Widows at $88.*

| | |
|---|---|
| Widow Audet, Georges dit Lapointe | 88 00 |
| " Bernier, J. Bte | 88 00 |
| " Brown, Charles | 88 00 |
| " Bouffard, David | 88 00 |
| " Caron, Maximin | 88 00 |
| " Dufresne, Jérémie, pensioned February 27, 1901 | 59 50 |
| " Delisle, Magloire | 88 00 |
| " Dumas, Charles | 88 00 |
| " Dumas, Frs | 88 00 |
| " Dion, J. Bte | 88 00 |
| " Desprès, Auguste | 88 00 |
| " Godbout, Laurent | 88 00 |
| " Girard, Dominique, died Jan., 16, 1901 | 18 50 |
| " Gobeil, Antoine | 88 00 |
| " Jouvin, Hilaire | 88 00 |
| " Laprise, Louis | 88 00 |
| " Langlois, Paul | 88 00 |
| " Lavoie, Louis Joseph | 88 00 |
| " Lapierre, Pierre | 88 00 |
| " Lapointe, Antoine | 88 00 |
| " Gobeil, Jean | 88 00 |
| " Marcoux, Edouard | 88 00 |
| " Pelletier, Alexis | 88 00 |
| " Demers, Victor | 88 00 |
| " Pouliot, Jean | 88 00 |
| " Vaillancourt, Alexandre | 88 00 |
| " Vézina, Charles | 88 00 |
| " Baquet, Annibal | 88 00 |
| | 2,366 00 |

*Sixteen Widows at $84.*

| | |
|---|---|
| Widow Coulombe, Jean | 84 00 |
| " Fontaine, Louis, died Jan., 15, 1901 | 17 50 |
| " Delisle, F. X | 84 00 |
| " Dumas, Hubert | 84 00 |
| " Forgues, Narcisse | 84 00 |
| " Fontaine, Pierre | 84 00 |
| " Guénard, Michel | 84 00 |
| " Lachance, Barthélemi | 84 00 |
| " Lamarre, Jean Frs | 84 00 |
| " Laprise, Jean | 84 00 |
| " Lemieux, Pierre | 84 00 |
| " Morency, Joseph | 84 00 |
| " Ruelland, Pierre | 84 00 |
| " Thiviérge, Louis | 84 00 |
| " Delisle, Jean | 84 00 |
| " Marticotte, Isaïe | 84 00 |
| | 1,277 50 |

STATEMENT of Moneys received and disbursed by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, &c.—*Continued.*

| | $ cts. |
|---|---|
| *Eight Widows at $82.* | |
| Widow Babin, Damase | 82 00 |
| " Demers, Edouard | 82 00 |
| " Doiron, Eustache | 82 00 |
| " Fortin, Nicolas | 82 00 |
| " Genest, Amable | 82 00 |
| " Gaudreau, Frs | 82 00 |
| " Lapointe, Joseph | 82 00 |
| " Leclerc, Louis Olivier, died November 3, 1901 | 82 78 |
| | 656 78 |
| *Six Widows at $80.* | |
| Widow Cinq-Mars, David | 80 00 |
| " Crépault, Louis | 80 00 |
| " Curodeau, Pierre | 80 00 |
| " Bernier, Joseph, pensioned April 18, 1901 | 42 90 |
| " Mercier, Magloire | 80 00 |
| " Roy, Alexis | 80 00 |
| | 442 90 |
| *Ten Widows at $75.* | |
| Widow Desprès, Georges | 75 00 |
| " Glenn, Dennis | 75 00 |
| " Langleier, Fabien | 75 00 |
| " Langlois, Julien | 75 00 |
| " Laroche, J.-Bte | 75 00 |
| " Lavoie, A. (L.M) | 75 00 |
| " Noël, Henri | 75 00 |
| " Dion, Alfred, pensioned Jan. 6, 1901 | 61 35 |
| " Ross, Pierre | 75 00 |
| " Fournier, Amable | 75 00 |
| | 736 35 |
| *Eight Widows at $72.40.* | |
| Widow Talbot, J.-Bte., died Mar. 30, 1901 | 30 17 |
| " Langlois, Philéas | 72 40 |
| " Coté, François | 72 40 |
| " Dion, Jean | 72 40 |
| " Koenig, C. F | 72 40 |
| " Lachance, Ovide | 72 40 |
| " Lévesque, Joseph | 72 40 |
| " Pineau, Benjamin | 72 40 |
| | 536 97 |
| *Six Widows at $60.* | |
| Widow Derosiers, P., died Dec. 15, 1900 | 7 50 |
| " Coté, Celestin | 60 00 |
| " Dion, Joseph | 60 00 |
| " Dion, Joseph, from 1897 at $48 and $75 | 63 00 |
| " Lachance, F. X | 60 00 |
| " Turgeon, Edouard | 60 00 |
| " Doiron, Arthur, re-married on February 18, 1901 | 18 00 |
| | 328 50 |

| | $ cts. |
|---|---|
| *Four Widows at $51.* | |
| Widow Dandurand, Jacques | 51 00 |
| " Morency, Guillaume | 51 00 |
| " Pelletier, David F | 51 00 |
| " Dallaire, Napoléon | 51 00 |
| | 204 00 |
| *Six widows at $48.* | |
| Widow Caron, Fabien | 48 00 |
| " Côté, Magloire | 48 00 |
| " Langlois, Louis, died Mar. 14, 1901 | 18 00 |
| " McNeil, Thomas | 48 00 |
| " Turgeon, Alfred | 48 00 |
| " Larochelle, Laurent | 48 00 |
| | 258 00 |
| *Children.* | |
| Child of Boutin, Thos., arrears | 11 20 |
| " " acct | 11 20 |
| " Couillard, Hilaire, arrears | 22 40 |
| " " acc | 11 20 |
| " Dugas, Jean, arr | 5 60 |
| " Dugas, Jean, year | 22 40 |
| " Forbes, James (2) | 41 20 |
| " Fortin, N., arr | 16 80 |
| " Fortin, N., acc | 16 80 |
| " Giroux, Jean | 22 40 |
| " Langlois, Joseph | 22 40 |
| " Touissant, Pierre | 22 40 |
| " Plante, Joseph | 22 40 |
| " Noël, François | 22 40 |
| " Chouinard, Charles | 22 40 |
| " Gobeil, Jean | 22 40 |
| " Asselin, Louis | 22 40 |
| " Dion, Charles | 22 40 |
| | 360 40 |

RECAPITULATION OF PENSIONS.

| | | | |
|---|---|---|---|
| 7 | Pilots at $150 | | 938 34 |
| 3 | " | 136 | 306 00 |
| 2 | " | 122 | 244 00 |
| 1 | " | 120 | 120 00 |
| 2 | " | 110 | 220 00 |
| 1 | " | 70 | 87 50 |
| 16 | Pilots. | | |
| 28 | Widows at $88 | | 2,366 60 |
| 16 | " | 84 | 1,277 50 |
| 8 | " | 82 | 656 78 |
| 6 | " | 80 | 442 90 |
| 10 | " | 75 | 736 35 |
| 8 | " | 72.40 | 536 97 |
| 6 | " | 60 | 328 50 |
| 4 | " | 51 | 204 00 |
| 6 | " | 48 | 258 00 |
| 92 | Widows. | | |
| 15 | Children at $22 40 | | 360 40 |
| | | | 9,083 24 |

In all 123 Pensioners.

STATEMENT of Moneys received and disbursed by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, &c —*Concluded.*

DR.

| RECEIPTS. | $ cts. |
|---|---|
| To balance of 1900 | 22,251 20 |
| To Trustees of Quebec roads, 1 year's interest to July 1, 1901, on $22,800, at six per cent | 1,368 00 |
| The City of Quebec, class B., 1 year's interest at 7 per cent on $9,000 | 630 00 |
| Treasury Department, 1 year's interest to July 1, 1901, on $20,000, at 5 per cent | 1,000 00 |
| To Church Wardens of St. Fulgence, 1 year's interest on $2,500, plus 6 months | 187 50 |
| To Church Wardens of St. Valier, 1 year's interest to August 9, on $8,000, at 4 per cent | 320 00 |
| To Church Wardens of St. Romuald, 16 months' interest on $12,000, at 4 per cent | 240 00 |
| To Corporation of Pilots, 1 year's interest on $2,500, at 4 per cent | 100 00 |
| Thomas Gray, 1 year's interest on $2,400, at 5 per cent | 120 00 |
| Savings banks, 1 year's interest, Banque Nationale and Quebec Bank | 720 99 |
| Contributions | 7,942 81 |
| | 34,880 50 |

CR.

| | $ cts. |
|---|---|
| By pensions and relief paid during the year 1901 :— | |
| By relief | 500 00 |
| By arrears of pensions to Dec. 31, 1900. | 73 50 |
| Quarter ending January 31, 1901 | 2,354 66 |
| " April 30, 1901 | 2,194 29 |
| " July 31, 1901 | 2,233 60 |
| " October 31, 1901 | 2,227 28 |
| By general expenses | 58 50 |
| By salaries of secretary-treasurer and assistant | 550 00 |
| Loan to Church Wardens, St. Valier | 7,000 00 |
| " " St. Romuald. | 12,000 00 |
| Deposits in savings banks—Banque Nationale and Quebec Bank | 5,600 00 |
| Balance on hand | 88 76 |
| | 34,880 50 |

STATEMENT OF FUND.

| | |
|---|---|
| Moneys loaned | 86,200 00 |
| Moneys in savings bank | 5,600 00 |
| Moneys in the hands of the sec.-treas. | 88 76 |
| | 91,888 76 |
| Deduct arr. of pensions due this day | 117 90 |
| | 91,770 86 |

F. X. DION,
*Secretary-Treasurer.*

We, the undersigned, officially appointed to examine the books and accounts o the Corporation of Pilots, certify to having found them correct.

THOMAS BOISSINOT,
*Accountant.*

VITAL EPHREM CHAMBERLAND,
JOSEPH VICTOR GOURDEAU,
*Auditors.*

QUEBEC, December 31, 1901.

F. X. DION in current account with the Corporation of Pilots of Quebec to December 31, 1901.

| DR. | $ cts. | CR. | | $ cts. |
|---|---|---|---|---|
| To Balance of 1900 | 808 23 | By Expenses pilots boats | $ 581 51 | |
| Reserve fund | 500 00 | Less | 13 37 | |
| Pilots' retirement fund | 1,000 00 | | | 568 14 |
| Customs, Montreal | 57,667 16 | Expenses pilots | | 600 86 |
| " Three Rivers | 2,159 53 | Pilot boat *D. Price* | | 48 10 |
| " Sorel | 447 48 | " *La Mouette* | | 227 36 |
| " Batiscan | 253 24 | " *La Vigie* | | 858 84 |
| " St. Thomas | 946 14 | General expenses | $1,426 65 | |
| " Tadoussac | 147 99 | Less | 73 80 | |
| " Chicoutimi | 582 45 | | | 1,352 85 |
| " Trois Pistoles | 229 27 | Provisions | $1,394 02 | |
| " Rivière du Loup | 849 19 | Less | 17 93 | |
| Interests, Banque Nationale | 99 80 | | | 1,376 09 |
| Lost time | 1,140 02 | Rent | $ 479 13 | |
| Fines | 160 00 | Less | 50 00 | |
| Pilotage collected at Quebec | 51,591 86 | | | 429 13 |
| | | Apprentices' wages | | 282 73 |
| | | Seamen's " | | 231 00 |
| | | Cooks' " | | 383 88 |
| | | Indemnity to directors | | 600 00 |
| | | " captains | | 260 00 |
| | | " Saguenay station | | 250 00 |
| | | Pilot boat shares | | 4,000 00 |
| | | Interest paid on loans | | 100 00 |
| | | Legal advisers | | 90 00 |
| | | Insurance | | 120 20 |
| | | Pilotage remitted | | 1,916 66 |
| | | Salaries of employees | | 1,550 00 |
| | | Decayed pilots' fund | | 7,903 64 |
| | | Retired " | | 1,000 00 |
| | | Reserve fund | | 500 00 |
| | | Dividends | | 93,411 00 |
| | | Balance | | 521 88 |
| | 118,582 36 | | | 118,582 36 |

F. X. DION,
*Secretary-Treasurer.*

We, the undersigned, officially appointed to audit the books and accounts of the rporation of Pilots, certify to having found them correct.

THOMAS BOISSINOT,
*Accountant.*

VITAL EPHREM CHAMBERLAND,
JOSEPH VICTOR GOURDEAU,
*Auditors.*

QUEBEC, December 31, 1901.

# APPENDIX No. 10.

## REPORT OF THE PILOTAGE AUTHORITY, VICTORIA, B.C., FOR YEAR ENDED DECEMBER 31, 1901.

PILOTAGE AUTHORITY,
VICTORIA, B.C., January 9, 1902.

F. GOURDEAU, ESQ.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Commissioners, to transmit herewith the pilotage returns for the Pilotage District of Victoria and Esquimalt in the Province of British Columbia for the year ending December 31, 1901, as required by section 22 of chapter 80 of the Revised Statutes of Canada, 1886, in the belief that the same will reach you or your department in ample season for embodiment in the supplement to your annual report, of which kindly furnish me with a copy when issued as has hitherto been your custom.

I have the honour to be, sir,
Your most obedient servant,

EDGAR CROW BAKER,
*Secretary-Treasurer, P. A.*

PILOTAGE Returns, Victoria and Esquimalt Pilotage District, B.C.,
January 1 to December 31, 1901.

LIST OF LICENSED PILOTS.

| No. | Name. | Age. | Date of Issue. | Seniority. | Remarks. |
|---|---|---|---|---|---|
| 1 | John Thompson..... | 52 | April 23, 1880... | Dec. 4, 1878 . .. | Originally a B. C. Pilot. |
| 2 | Samuel W. Bucknam. | 51 | March 6, 1891... | March 6, 1891... | Victoria and Esquimalt District. |
| 3 | John Newby.. . .... | 52 | April 10, 1891... | April 10, 1891... | " " " |
| 4 | Thos. Bebbington..... | 55 | Feb. 25, 1893.... | Feb. 25, 1893.... | Originally a N.W. and Yale Pilot. |

N.B.—The foregoing is a list of licensed pilots, who are the only ones who have prosecuted such calling in the above named district.

There are no masters and mates acting under license from this Pilotage Authority, all the certificates previously granted having expired by effluxion of time.

Clauses I., II., III., page 213, supplement to 19th annual report, with reductions on pages 200 and 201, supplement to 21st annual report, and also those on pages 181

and 182, supplement to 26th annual report (*i.e.* Order in Council, July 1, 1893) apply to this year also.

Same Acts and parts of Acts as last year apply to 1901, and list of exempted vessels, and Puget Sound Rates remain the same.

EDGAR CROW BAKER,
*Secretary-Treasurer.*

VICTORIA, B. C., December 31, 1901.

PILOTAGE DUES collected, January 1 to December 31, 1901.

| Month. | British. | Foreign. | Total. | Remarks. |
|---|---|---|---|---|
| | $ cts. | $ cts. | $ cts. | |
| January | 455 75 | 804 50 | 1,260 25 | N.B.—The total $16,688.12 does not include sums of $400 collected from Puget Sound steamers and $10.50 pilotage outwards in certain cases to the credit of Pilotage Authority. |
| February | 391 50 | 783 75 | 1,175 25 | |
| March | 510 50 | 1,109 00 | 1,619 50 | |
| April | 516 00 | 1,086 50 | 1,602 50 | |
| May | 617 50 | 1,025 25 | 1,642 75 | |
| June | 264 00 | 902 50 | 1,166 50 | |
| July | 481 50 | 909 00 | 1,390 50 | |
| August | 367 50 | 748 75 | 1,116 25 | |
| September | 644 00 | 773 50 | 1,417 50 | |
| October | 571 00 | 980 75 | 1,551 75 | |
| November | 457 00 | 752 75 | 1,209 75 | |
| December | 675 50 | 860 12 | 1,535 62 | |
| | 5,951 75 | 10,736 37 | 16,688 12 | |

EDGAR CROW BAKER,
*Secretary-Treasurer.*

VICTORIA, B.C., December 31, 1901.

DR. RECEIPTS and EXPENDITURE, January 1 to December 31, 1901. CR.

| Date. | Nature of Receipt. | Amount. | Date. | Head of Service. | Amount. |
|---|---|---|---|---|---|
| 1901. | | $ cts. | 1901. | | $ cts. |
| January 1..... | To Balance from last year ..... | 1,312 94 | January 9 ..... | By V. and E. pilots, division surplus, 1900..... | 1,312 94 |
| Jan. 1 to Dec. 31 | Pilotage dues, 12 months..... | 16,688 12 | Jan. 1 to Dec. 31 | V. and E. pilots, earnings as per receipts..... | 15,019 31 |
| " " | Certificate fees, Puget Sound Steamers ..... | 400 00 | " " | Secretary-treasurer, 12 months' salary..... | 600 00 |
| " " | Pilotage outwards, in certain cases to credit of Pilotage Authority ..... | 10 50 | " " | Office expenses, rent, fuel, light, &c ..... | 344 59 |
| | | | December 31.... | Balance to credit of Pilotage Authority..... | 1,134 72 |
| | | 18,411 56 | | | 18,411 56 |

Approved and certified correct.

JOHN G. COX,
A. B. FRASER, SR.,
WILLIAM GRANT,
JOSHUA KINGHAM.
*Commissioners.*

EDGAR CROW BAKER,
*Secretary-Treasurer.*

# APPENDIX No. 11.

## REPORT OF THE PILOTAGE AUTHORITY OF NANAIMO, B.C., FOR THE YEAR ENDED DECEMBER 31,1901.

NANAIMO, B.C., January 6, 1902.

To the Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

DEAR SIR,—I have the honour to inclose statement and accounts of Nanaimo Pilotage Authority for the year ending December 31, 1901, as required by the Pilotage Act, 1886.

I regret having to report the death of one of our pilots: Capt. Daniel Morrison, who died on Oct. 20, after a short illness.

On account of shipping being somewhat slack for the past few months, a successor to late pilot Morrison has not yet been appointed.

I have the honour to be, sir,
Your obedient servant,

TULLY BOYCE,
*Secretary.*

PILOTAGE Returns for the year ending December 31, 1901:

LICENSED PILOTS.

| Names of Pilots. | Age. |
|---|---|
| Bendrodt, James Peter | 41 |
| Christensen, James | 60 |
| Butler, James Edgar | 40 |
| Owen, William David | 35 |
| Yates, Albert Francis | 49 |
| Morrison, Daniel. Died Oct. 20. | |

RATES OF PILOTAGE.

| | |
|---|---|
| Half pilotage | $1 per foot draught. |
| Full " | 2 " " |
| Gulf " | 10 per diem. |

Special rates for Mail Steamers and Tugs.

FULL PILOTAGE DUES collected January 1, 1901, to December 31, 1901.

| —— | British. | Foreign. | Total. |
|---|---|---|---|
| | $ cts. | $ cts. | $ cts. |
| January | 696 00 | 1,213 00 | 1,909 00 |
| February | 1,037 00 | 656 00 | 1,693 00 |
| March | 956 00 | 1,029 00 | 1,985 00 |
| April | 939 00 | 1,112 00 | 2,051 00 |
| May | 1,207 00 | 737 00 | 1,944 00 |
| June | 935 00 | 753 00 | 1,688 00 |
| July | 905 00 | 1,016 00 | 1,921 00 |
| August | 851 00 | 1,027 00 | 1,878 00 |
| September | 630 00 | 910 00 | 1,540 00 |
| October | 581 00 | 1,197 00 | 1,778 00 |
| November | 180 00 | 1,041 00 | 1,221 00 |
| December | 600 00 | 1,034 00 | 1,634 00 |
| | 9,517 00 | 11,725 00 | 21,242 00 |

HALF PILOTAGE DUES collected January 1, 1901, to December 31, 1901.

| —— | British. | Foreign. | Total. |
|---|---|---|---|
| | $ cts. | $ cts. | $ cts. |
| January | ..... | 469 00 | 469 00 |
| February | ..... | 425 00 | 425 00 |
| March | 43 00 | 463 50 | 506 50 |
| April | ..... | 311 00 | 311 00 |
| May | ..... | 305 00 | 305 00 |
| June | 22 50 | 281 00 | 303 50 |
| July | 21 00 | 162 00 | 183 00 |
| August | ..... | 340 50 | 340 50 |
| September | 63 00 | 225 50 | 288 50 |
| October | ..... | 383 50 | 383 50 |
| November | ..... | 344 50 | 344 50 |
| December | ..... | 193 50 | 193 50 |
| | 149 50 | 3,904 00 | 4,053 50 |

RECEIPTS AND EXPENDITURE from January 1, 1901, to December 31, 1901.

| | $ cts. | | $ cts. | $ cts. |
|---|---|---|---|---|
| Pilotage fees for twelve months as per statements inclosed..... | 25,295 50 | By Salary, secretary and treasurer..... | 600 00 | |
| | | Office rent, Janitor, fuel and light..... | 179 25 | |
| | | Printing, postage and stationery..... | 61 20 | |
| | | Insurance, office fixtures and miscellaneous..... | 56 15 | |
| | | Refunds..... | 25 00 | |
| | | Donation to pilot Sabiston..... | 600 00 | |
| | | Commission to collectors..... | 370 17 | |
| | | Pilot station expenses. | 1,840 73 | |
| | | Travelling and personal expenses. ... | 2,626 00 | |
| | | | | 6,358 50 |
| | | Net earnings. ..... | ... ..... | 18,937 00 |
| | 25,295 50 | | | 25,295 50 |

J. S. KNARSTON,
*Acting Chairman.*

TULLY BOYCE,
*Secretary.*

Approved and certified correct.

THOMAS O. CONNELL, HARRY B. SHAW. } *Commissioners.*

REPORT of Pilot Commissioners for the Pilotage District of St. Mary's and Liscomb from December 31, 1900 to December 31, 1901.—*Concluded.*

HENRY PYE, PILOT No. 1, FOR LISCOMB.

| Date of Arrivals. | Where from. | Big. | Name of Vessel. | Port of Registry. | Registered Tonnage. | Name of Master. | Pilotage Collected. Inwards. | Outward. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| 1901. | | | | | | | $ cts. | $ cts. | $ cts. |
| May 15.. | Havre | Barque | Bastoe | Annundale, Nor | 777 | Olsen | 14 00 | 16 00 | 30 00 |
| " 28.. | Annundale | " | Charlotte Padburg | " way. | 580 | Amensen | 12 00 | 14 00 | 26 00 |
| July 5.. | Pictou | S. Ship | Mic Mac | Pictou | 1,600 | Mickel | 14 66 | 16 00 | 30 66† |
| Aug. 15.. | Belfast | Barque | Agusta | Norway | 380 | | 9 00 | 10 00 | 19 00 |
| Oct. 14.. | Dundark | Barquentine | Lenark | Russia | 365 | A. Dambe | 9 00 | ..... | 9 00 |
| Nov. 22.. | Halifax | Schooner | Whinola | British | 272 | Wagoner | 6 00 | 7 00 | 13 00 |
| | | | | | | | | | 127 66 |

† ⅓ less Steam Ship.

HUGH RUDOLPH, PILOT No. 4, FOR LISCOMB.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Oct. 14.. | Dundark | Barquentine | Lenark | Russia | 365 | A. Dambe | ..... | 11 00 | 11 00 |
| " 2.. | Bristol | Barque | Inga | Norway | 361 | Martensen | 9 00 | 11 00 | 20 00 |
| July 30.. | " | " | Boras | " | 433 | Wiig | 11 00 | 13 00 | 24 00 |
| | | | | | | | | | 55 00 |

DANIEL LANG, PILOT No. 2, FOR LISCOMB.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Oct. 2.. | Plymouth | Barque | Ragna | Norway | 463 | Johnson | 11 00 | 13 00 | 24 00 |

SETH McKINLAY, PILOT No. 5, FOR LISCOMB.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| July 10.. | Liverpool, G. B. | Barque | Byrd | Norway | 490 | A. Pedesen | 11 00 | 13 00 | 24 00 |

RECEIPTS.

| | | |
|---|---|---|
| Balance in bank, January 5, 1901 | $ 671 47 | |
| Pilotage earnings for the year 1901 | 18,644 05 | |
| | | $ 19,315 52 |

DISBURSEMENTS.

| | | |
|---|---|---|
| Paid pilots, January 5, 1901 | $ 671 47 | |
| Paid pilots during year 1901 | 13,333 69 | |
| Office expense account " | 931 20 | |
| Pilotage expense account 1901 | 3,445 99 | |
| Balance in bank | 933 17 | |
| | | $ 19,315 52 |

C. GARDINER JOHNSON,
*Secretary Yale and New Westminster Pilotage Authority.*

pproved,

C. G. MAJOR,
for *Chairman.*

UVER, B. C., January 6, 1902.

LEDGER BALANCE.

*Assets.*

| | | | |
|---|---|---|---|
| Bank of Montreal | | $ 933 17 | |
| Bank of Montreal— | | | |
| Savings department | $ 546 33 | | |
| Interest, 1901 | 16 38 | | |
| | | $ 562 71 | |
| | | | $ 1,495 88 |

*Liabilities.*

| | | | |
|---|---|---|---|
| Reserve fund | $ 546 33 | | |
| Interest, 1901 | 16 38 | | |
| | | $ 562 71 | |
| Pilotage earnings undisbursed | | 933 17 | |
| | | | $ 1,495 88 |

C. GARDINER JOHNSON,
*Secretary Yale and New Westminster Pilotage Authority.*

pproved,

C. G. MAJOR,
for *Chairman.*

UVER, B.C., January 6, 1902.

# APPENDIX No. 13.

## REPORT OF THE PILOTAGE AUTHORITY OF HALIFAX, FOR THE YEAR ENDED DECEMBER 31, 1901.

HALIFAX, N.S., January 17, 1902.

Hon. Minister Marine and Fisheries,
Ottawa.

SIR,—I beg leave to transmit for the information of the department the inclosed returns of the Pilotage District of Halifax, N.S., viz. :—

Statement of receipts and expenditures.
Statement of superannuation fund.
Return inwards of British and Foreign vessels.
Return outwards of British and Foreign vessels.
List of licensed pilots.
List of pensioners.
Balance sheet.

Respectfully,
Your obedient servant,

J. TAYLOR WOOD,
*Secretary-Treasurer.*

OFFICE OF PILOT COMMISSIONERS,
HALIFAX, N.S., December, 31, 1901.

RECEIPTS AND EXPENDITURES.

| DR. | $ cts. | CR. | $ cts. |
|---|---|---|---|
| Salary | 600 00 | Balance on hand, Dec. 31, 1900 | 1,332 32 |
| Rent | 325 00 | Outward pilotage | 2,085 30 |
| Printing, telephone, legal expenses, &c. | 512 61 | Commissions | 1,575 81 |
| Superannuation fund | 3,168 78 | Interest | 862 22 |
| Deposit savings bank | ..... | Licenses, bonds, &c | 40 31 |
| Balance | 1,289 58 | | |
| Total | 5,895 97 | Total | 5,895 97 |

J. TAYLOR WOOD,
*Secretary-Treasurer.*

E. & O. E.
Examined and found correct.

HALIFAX, N.S., January 17, 1902.

GEO. MITCHELL, *Auditor.*

IAL PAPER No. 23

s and Expenditure of all Moneys received by or on behalf of the Pilotage Authority, in respect of Pilots or Pilotage.

| RECEIPTS. | $ cts. | $ cts. |
|---|---|---|
| lues, as per statement | 2,496 54 | |
| rom seven pilots, bonds renewed | 7 00 | |
| Capt. Belanger, *Campana* | 40 00 | |
| ue secretary | 73 50 | |
| | | 2,617 04 |
| EXPENDITURE. | | |
| s pilotage | 2,417 04 | |
| tary's salary | 200 00 | |
| | | 2,617 04 |

C. DWYER,
H. McKENZIE,
WILLIAM FRASER,
JOHN R. DAVIS,
JOSEPH C. GRAHAM,
*Pilot Commissioners, Port of Pictou, N.S.*

WYER,
*Secretary.*

OFFICE OF PILOT COMMISSIONERS,
HALIFAX, N.S., December 31, 1901.

LIST of Pilots, Port of Halifax.

| No. | Name. | Residence. | Age. |
|---|---|---|---|
| 1 | | | |
| 2 | William Fleming | Halifax | 35 |
| 3 | James Holland | Duncan's Cove | 65 |
| 4 | William Baker | Halifax | 66 |
| 5 | | | |
| 6 | Frank Thomas | Herring Cove | 26 |
| 7 | | | |
| 8 | William Hayes | Herring Cove | 27 |
| 9 | Hugh Monroe | Halifax | 66 |
| 10 | | | |
| 11 | Edward Bayers | Halifax | 60 |
| 12 | James Hanrahan | Ferguson's Cove | 64 |
| 13 | William Beazely | " | 61 |
| 14 | John Hayes | Halifax | 51 |
| 15 | James Spears | " | 43 |
| 16 | John F. Beazely | " | 41 |
| 17 | William Gorhan | Herring Cove | 27 |
| 18 | Charles F. Martin | Halifax | 36 |
| 19 | William White | Ferguson's Cove | 44 |
| 20 | Thomas Hayes | Halifax | 42 |
| 21 | Thomas Reno | Herring Cove | 41 |
| 22 | Frank Mackey | Halifax | 29 |
| 23 | Henry Latter | " | 37 |
| 24 | | | |
| 25 | | | |
| 26 | James Fleming | Halifax | 62 |

J. TAYLOR WOOD,
*Secretary-Treasurer.*

LIST of Persons on the Pension Roll.

| Name. | Age. | Residence. | Amount of Pension allowance. |
|---|---|---|---|
| | | | $ cts. |
| John Fleming | 88 | Ketch Harbour | 150 00 |
| John Johnston | 78 | Bear Cove | 150 00 |
| Patrick Hayes | 79 | Herring Cove | 150 00 |
| Bernard Gallagher | 76 | Halifax | 150 00 |
| Joseph Reno | 75 | Herring Cove | 150 00 |
| Jeremiah Holland | 69 | Duncan's Cove | 150 00 |
| Mrs. L. Nickerson | 67 | Sambro | 30 00 |
| Mrs. Mary Smith | 65 | Halifax | 30 00 |
| Mrs. Mary Glazebrooke | 56 | " | 30 00 |
| Mrs. Charles Martin | 69 | " | 30 00 |
| Mrs. Daniel Martin | 43 | " | 30 00 |
| Thomas Martin | 15 | " | 15 00 |
| Elizabeth Martin | 9 | " | 15 00 |
| Barbara Martin | 8 | " | 15 00 |
| Catherine Martin | 6 | " | 15 00 |
| Mary Glazebrook | 12 | " | 15 00 |
| Charles Glazebrook | 10 | " | 15 00 |
| | | | 1,140 00 |

J. TAYLOR WOOD,
*Secretary-Treasurer.*

OFFICE OF PILOT COMMISSIONERS,
HALIFAX, N.S., December 31, 1901.

BALANCE SHEET.

| DR. | $ cts. | CR. | $ cts. |
|---|---|---|---|
| ıh | 1,289 58 | Commissioners' Fund | 20 31 |
| ion Bank, special deposit | 1,000 00 | Superannuation " | 20,893 83 |
| " ..superannuation | 430 13 | Outward pilotage | 1,269 27 |
| vings Bank | 7,515 73 | | |
| minion stock | 11,947 97 | | |
| | 22,183 41 | | 22,183 41 |

E. & O. E.

J. TAYLOR WOOD,
*Secretary-Treasurer.*

The for-going is a correct balance sheet to December 31, 1901.

GEO. MITCHELL,
*Auditor.*

# APPENDIX No. 14.

## REPORT OF PILOTAGE AUTHORITY FOR DISTRICT OF MIRAMICHI, N.B., FOR THE YEAR ENDED DECEMBER 31, 1901.

NEWCASTLE, MIRAMICHI, January 4, 1902.

The Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose herein the pilotage returns of the district of Miramichi, N.B., for the year ended December 31, 1901.

I am, sir,
Your obedient servant,

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

PILOTAGE Returns for the Pilotage District of Miramichi, N.B., year ending December 31, 1901.

| Class of Vessel. | No. | Total. |
|---|---|---|
| Vessels reported inwards— | | |
| British steamers | 35 | |
| " sailing vessels | 21 | |
| Foreign steamers | 15 | |
| " sailing vessels | 65 | |
| | | 136 |
| Vessels reported outwards— | | |
| British steamers | 35 | |
| " sailing vessels | 20 | |
| Foreign steamers | 15 | |
| " sailing vessels | 65 | |
| | | 135 |
| Vessels removed— | | |
| British steamers | 13 | |
| " sailing vessels | 2 | |
| Foreign steamers | 7 | |
| " sailing vessels | 18 | |
| | | 40 |

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

INTERNATIONAL

| — | Number. | Tonnage. |
|---|---|---|
| British steamers | 146 | 274,802 |
| Foreign " | 143 | 246,930 |
| British sailing vessels | 11 | 2,315 |
| Foreign " | 7 | 1,099 |
| Relief | 17 | 2,150 |
| | 324 | 527,296 |

PILOTAGE RECEIVED.

| | |
|---|---|
| From British vessels | $ 8,528 00 |
| " foreign " | 8,452 00 |
| " relief | 57 00 |
| | $ 17,037 00 |

SYDNEY.

| — | Number. | Tonnage. |
|---|---|---|
| British steamers | 51 | 91,452 |
| Foreign " | 64 | 140,421 |
| British sailing vessels | 11 | 2,170 |
| Foreign " | 6 | 2,581 |
| Relief | 4 | 517 |
| | 136 | 237,141 |

PILOTAGE RECEIVED.

| | |
|---|---|
| From British vessels | $ 2,729 00 |
| " foreign " | 4,423 00 |
| " relief | 12 50 |
| | $ 7,165 00 |

RECAPITULATION.

| Port. | Number of Vessels. | Tonnage. | Amount. |
|---|---|---|---|
| | | | $ cts. |
| North Sydney | 273 | 141,448 | 3,895 91 |
| International | 324 | 527,296 | 17,037 00 |
| Sydney | 136 | 237,141 | 7,165 00 |
| | 733 | 905,885 | 28,097 91 |

## MASTERS LICENSED.

| No. | Name. | Vessel. | Class. | Amount. |
|---|---|---|---|---|
| | | | | $ cts. |
| 1 | H. Bolanger | Tiber | Steamer | 100 00 |
| 2 | P. LeChaux | Polino | " | 100 00 |
| 3 | C. Coullard | Greetlands | " | 100 00 |
| 4 | J. Reed | Cape Breton | " | 100 00 |
| 5 | D. C. Fraser | Bonavesta | " | 100 00 |
| 6 | W. H. Gould | Louisburg | " | 100 00 |
| 7 | H. Holmes | Coban | " | 100 00 |
| 8 | M. M. Florian | Grandee | Barge | 100 00 |
| 9 | E. Hall | Rembrandt | " | 100 00 |
| 10 | D. A. Scott | Harlaw | Steamer | 100 00 |
| | | | | 1,000 00 |

## STATEMENT of Relief.

| Date. | | Name. | Amount. |
|---|---|---|---|
| 1901. | | | $ cts. |
| April | 20 | Family Maurice Doyle | 20 00 |
| May | 18 | Widow Madore | 20 00 |
| June | 12 | Isabelle McGillvray | 15 00 |
| " | 14 | Pilot Con. Mullins | 20 00 |
| " | 18 | Catherine McGillvray | 15 00 |
| July | 3 | Margaret Petrie | 15 00 |
| " | 24 | Widow Daley | 30 00 |
| Aug. | 22 | Mary Petrie | 15 00 |
| " | 22 | Widow McInnis | 30 00 |
| Sept. | 10 | Widow Carroll | 30 00 |
| " | 21 | Widow Madore | 20 00 |
| Oct. | 1 | Catherine McGillvray | 15 00 |
| " | 23 | Mary Petrie | 15 00 |
| " | 23 | Widow Brown | 30 00 |
| | | Pilot John Curren | 20 00 |
| Nov. | 21 | Isabelle McGillvray | 15 00 |
| " | 22 | Family Doyle | 30 00 |
| " | 29 | Margaret Petrie | 15 00 |
| " | 29 | Pilot Peter Burke | 50 00 |
| | | | 420 00 |

PILOTAGE Returns for the Pilotage District of Miramichi, N.B., year ending December 31, 1901.

| No. | Name. | Age. | For what service. | Remarks. |
|---|---|---|---|---|
| 2 | Louis Jimmo | 47 | Full license | |
| 6 | Francis Martin | 67 | " | |
| 7 | Maxime Martin | 56 | " | |
| 9 | Angus McLean | 68 | " | |
| 10 | Alex. Wilson | 55 | " | |
| 11 | Robt. J. Walls | 50 | " | |
| 22 | Wm. Walls, sr | 47 | " | |
| 26 | John McCallum | 49 | " | |
| 27 | James Nowlan | 50 | " | |
| 28 | Dudley P. Walls | 55 | " | |
| 29 | George Sutton | 50 | " | |
| 30 | James A. Nowlan | 46 | " | |
| 31 | George T. Tait | 44 | " | |
| 32 | Joseph Jimmo | 46 | " | |
| 33 | James McCallum | 57 | " | |
| 35 | John Martin | 42 | " | |
| 36 | Asa Walls | 42 | " | |
| 37 | Wm. Walls, jr | 44 | " | |
| 38 | John Nowlan | 45 | " | |
| 39 | Patrick Nowlan | 42 | " | |
| 40 | Hugh McLean | 34 | L'c'nse for inw'd only | License cancelled. |
| 41 | Michael J. Jimmo | 34 | Full license | |
| 42 | George M. Nolan | 45 | " | |
| 43 | Christopher C. McLean | 54 | " | |
| 44 | George Savoy | 57 | " | |

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

The Miramichi Pilots in account with R. R. Call, Secretary-Treasurer.

| 1901. | | Dr. | | $ cts. |
|---|---|---|---|---|
| June | 6.. | To paid R. J. Walls, insurance seine | | 9 00 |
| " | 6.. | J. A. Nowlan, fitting out *Senator Snowball* | | 48 45 |
| " | 6.. | R. J. Walls, cleaning pilots' office | | 3 50 |
| " | 6.. | W. S. Loggie Co., account *Princess Louise* | | 15 71 |
| " | 6.. | Asa Walls, fitting out " | | 40 00 |
| " | 6.. | J. B. Snowball Co., account " | | 2 73 |
| " | 6.. | George Stothart, account *Senator Snowball* | | 14 99 |
| " | 6.. | " " " *Princess Louise* | | 12 46 |
| Aug. | 1.. | R. J. Walls, to retire note on account legal expenses | | 50 00 |
| " | 17.. | John Martin, amount J. D. Creaghan's account | | 13 44 |
| " | 17.. | George Watt, account *Princess Louise* | | 25 31 |
| " | 17. | John Wilson, account *Senator Snowball* | | 30 17 |
| " | 17.. | Asa Walls, account *Princess Louise* | | 15 50 |
| " | 17.. | E. Burke, account *Senator Snowball* | | 8 30 |
| " | 17.. | " " *Princess Louise* | | 1 10 |
| " | 17.. | R. J. Walls, to pay for wreath | | 14 50 |
| " | 17.. | J. B. Snowball, account *Senator Snowball* | | 22 40 |
| " | 17.. | R. J. Walls, changing stones for buoys | | 3 00 |
| " | 17.. | George Watt, account *Senator Snowball* | | 25 52 |
| Sept. | 18.. | Miramichi Steam Navigation Co., tickets, &c | | 8 20 |
| " | 18.. | Miller's Foundry, on account *Senator Snowball* | | 12 50 |
| " | 18.. | C. A. Gunn, repairing anchor | | 80 |
| " | 18.. | George Watt, on account schooner *Princess Louise* | | 9 49 |
| " | 18.. | D. G. Smith, amount of account printing | | 3 50 |
| " | 18.. | James P. Searle, rent pilots' office to April, 1902 | | 20 00 |
| Oct. | 18.. | H. W. Fleigher, account schooner *Senator Snowball* | | 1 85 |
| " | 18.. | M. A. Goggan, " " " | | 1 55 |
| " | 18.. | R. J. Walls, refund barque *Arizona*, move | | 6 00 |
| " | 18.. | Capt. Weatherbie, schooner *McClure*, being half outward pilotage account not getting pilot | | 11 00 |
| " | 18.. | Paid Alex. Martin pension | | 75 00 |
| Nov. | 5.. | Exp's Joseph Jimmo, Pictou, for ss. *Micmac* | | 6 27 |
| " | 18.. | A. C. McLean on account *Princess Louise* | | 4 84 |
| " | 18.. | " " schooner *Senator Snowball* | | 3 42 |
| " | 18.. | Burr & Co., " " " | | 2 10 |
| " | 18.. | W. S. Loggie Co., " " " | | 20 56 |
| " | 29.. | Michael Bransfield, putting pilot on ss. *Salerno* | | 3 00 |
| Dec. | 3.. | George Watt, account *Senator Snowball* | | 2 53 |
| " | 3.. | E. Johnson, stationery for pilots' office | | 1 68 |
| " | 3.. | A. C. McLean, pipe " | | 85 |
| " | 3.. | W. S. Loggie Co., account *Princess Louise* | | 5 13 |
| " | 3.. | A. & R. Loggie, rent warehouse to November, 1901 | | 10 00 |
| " | 7.. | Anslow Bros., printing | | 3 85 |
| " | 9.. | George Watt, account *Princess Louise* | | 3 95 |
| " | 12.. | J. B. Snowball Co., account *Princess Louise* | | 1 63 |
| " | 12.. | R. R. Call, Secretary-Treasurer, commission on $12,198.76 at 3 per cent | | 365 96 |
| " | 12.. | " " pilotage and stationery | | 3 80 |
| " | 12.. | One pilot return on account seine $9 and $10 | | 95 |
| " | 18.. | Twenty pilots, $9,292; four pilots, $1,899.47 and one pilot, $60 | | 11,252 27 |
| | | | | 12,198 76 |
| 1901. | | Cr. | | |
| Dec. | 18.. | By amount collected pilotage inwards | $ 5,243 49 | |
| " | 18.. | " " outwards | 6,207 27 | |
| " | 18.. | " removals | 328 00 | |
| " | 18.. | paid in from outside | 420 00 | |
| | | | | 12,198 76 |

NEWCASTLE, MIRAMICHI, N.B.,
December 31, 1901.

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER,
*Chairman.*

# APPENDIX No. 22.

## EPORT OF THE PILOTAGE AUTHORITY OF CARAQUET, N.B., FOR THE YEAR ENDED DECEMBER 31, 1901.

CARAQUET, N.B., December 26, 1901.

ıe Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I beg to inclose statement of pilotage paid in the Pilotage District of ıraquet during the year 1901 ; also, statement of account of the Secretary with the lot Commissioners of the same district for the same year.

I have the honour to be, sir,
Your obedient servant,

PHILIP RIVE,
*Secretary to Pilot Commissioners.*

*Amount of Pilotage collected by Pilots.*

British vessels, $81 ; foreign vessels, $153.20 ; total, $234.20.

*Description of Vessels piloted.*

| | | | | |
|---|---|---|---|---|
| Five schooners | ....Foreign.... | 1,317 | tons. | |
| Three " | ...British. ... | 666 | " | total 1,983 tons. |

*Receipts by Pilotage Authority.*

| | | |
|---|---|---|
| License to one pilot boat | $ 5 00 | |
| " one pilot " | 6 00 | |
| " three masters | 18 00 | |
| | | $29 00 |

*Charges.*

| | | |
|---|---|---|
| Stationery, postage, &c. | $ 1 00 | |
| Commission, St. Stephen and St. George | 5 00 | |
| Commissioner and Secretary, St. Andrews | 23 00 | |
| | | $29 00 |

C. E. O. HATHEWAY,
*Commissioner and Secretary.*

ST. ANDREWS, N.B., December 31, 1901.

*Rates of Pilotage in the District.*

Longest pilotage, inwards or outwards, $2.25 per foot draught of water.
Second " " 1.60 "
Third " " 1.50 "
From or to Campobello, 20 cents per foot less than above rates.
Fourth pilotage inwards or outwards, $1 per foot draught of water.
From first of November to first of April, 20 cts. per foot in addition to above rates.
To or from St. Andrews harbour to ballast ground, vessels 80 tons and under 300 tons, $2.50 each.
Vessels 300 tons and upwards, $3 each.
Removing a vessel from loading place or harbour to any other loading place or harbour inside St. Andrews Bay, vessels 80 tons up to 200 tons, $4 ; over 200 tons and up to 300 tons, $5 ; over 300 tons and up to 400 tons, $6 ; exceeding 400 tons, $8 each.
Removing a vessel from any loading place or harbour inside St. Andrews Bay to any harbour or loading place outside St. Andrews Bay and withim the district, pilotage inwards or outwards, vessels 80 tons and under 200 tons, $6 ; 200 tons and under 300 tons, $8 ; 300 tons and under 400 tons, $10 ; 400 tons and upwards, $12 each.

C. E. O. HATHEWAY,
*Commissioner and Secretary.*

ST. ANDREWS, N.B., December 31, 1901.

# APPENDIX No. 23.

## REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF PARRSBORO, N.S., FOR THE YEAR ENDED DECEMBER 31, 1901.

Pilotage returns for the district of Parrboro, N.S., for the year 1901 :—

Amount of pilotage fees collected for the year was as follows. viz :—

| | |
|---|---|
| 6 British vessels paid | $235 75 |
| 4 Foreign " " | 252 25 |
| | $488 00 |

*Cr.*

| | |
|---|---|
| Paid pilot Robert Anderson | $238 78 |
| " James George | 215 06 |
| Office contingencies | 15 00 |
| Secretary for salary | 19 16 |
| | $488 00 |

LICENSED Pilots, Port of Parrsboro, N. S.

| Name. | Age. | Remarks. |
|---|---|---|
| Robert Anderson | 48 | Licensed for full district. |
| James George | 61 | " " " |
| George E. Pettis | 63 | " " " |
| Baxter McLellan | 43 | " for district of Spencer's Isl. only. |
| J. Ephraim Morris | 39 | " for dist. Advocate Harbour only. |

*Pilotage non compulsory.*

The rates are the same as list sent last year.

E. GILLESPIE,
*Secretary Parrsboro' Pilotage Authority.*

PARRSBORO', N.S., December 10, 1901.

# APPENDIX No. 24.

## REPORT OF THE PILOTAGE AUTHORITY OF BUCTOUCHE, N.B., FOR THE YEAR ENDED DECEMBER 31, 1901.

BUCTOUCHE, N.B., January 14, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I herewith transmit report of Buctouche Pilotage Authority for the year 1901.

Foreign shipping from this port has declined to one or two vessels annually for several years past.

Your obedient servant,

JOHN C. ROSS,
*Secretary of Buctouche Pilotage Authority.*

Pilotage returns, district of Buctouche, province of New Brunswick, for the year 1901. Act 36 Vic., cap. 56, sec. 24.

1st. Names and age of pilots licensed :—Joseph Crossman, age 50 years. Joseph Belleisle, age 45 years.

2nd. The above pilots are licensed to undertake the pilotage of vessels of every description within and throughout the pilotage district of Buctouche.

3rd. Pilotage dues are charged as per section 12 of rules and regulations for the district. viz: One dollar and fifty cents per foot draught of water, both inward and outward bound.

4th. Total amount of pilotage dues paid, $55.50. Of this amount $48, including $5, collected after crossing bar, was paid by one foreign vessel (Norwegian), the only one liable to pilotage under the new regulations, and $7.50 by schooners (British), by whom employment of pilot was optional.

5th. The pilotage dues as above were paid to the pilots who performed their duties as such to the respective vessels.

6th. Joseph Belleisle was licensed during the year, paid $2 license fee, and no payment for license of boats was exacted under agreement of pilotage authority. No expense was incurred during the year by the authority.

JOHN C. ROSS,
*Secretary of Buctouche Pilotage Authority.*

BUCTOUCHE, N.B., January 14, 1902.

STATEMENT of Pilot Fund Account for year ended December 31, 1901.

| PILOT FUND ACCOUNT. | $ cts. | $ cts. |
|---|---|---|
| DR. | | |
| To pensions paid 4 pilots | 836 25 | |
| " widows and children | 956 25 | |
| | | 1,792 50 |
| To funeral expenses, two pilots | 40 00 | |
| | | 40 00 |
| To balance | | 10,155 06 |
| | | 11,987 56 |
| CR. | | |
| By balance, December 31, 1900 | | 10,123 81 |
| Interest on Dominion Savings Bank deposit, 12 months to July 1, 1901:— | | |
| Per Pass Book No. 744 | 136 37 | |
| " No. 10260 | 137 88 | |
| | | 274 05 |
| Amount carried from income account | | 1,589 70 |
| | | 11,987 56 |
| By balance to credit of Pilot Fund Account, December 31, 1901 | | 10,155 06 |

J. U. THOMAS,
*Secretary.*

STATEMENT of Finances of the St. John Pilot Commissioners, as per audit December 31, 1901.

| INVESTMENT ACCOUNT. | $ cts. | $ cts. |
|---|---|---|
| On deposit in Dominion Savings Bank, per Pass Book, No. 744 | 4,675 31 | |
| " " " " " No. 10260 | 4,734 42 | |
| | | 9,409 73 |
| CURRENT ACCOUNT. | | |
| On deposit in Bank of New Brunswick | | 745 33 |
| | | 10,155 06 |

J. U. THOMAS,
*Secretary.*

PILOTS' individual earnings for year 1901.

| —— | $ cts. | $ cts. |
|---|---|---|
| Total amount of pilotage received | 37,903 05 | |
| LESS—25 cents per foot deducted from outward pilotage for office expenses, Pilot Fund, &c | 2,337 55 | 35,565 50 |
| *Contra.* | | |
| Bennett, James | 1,715 50 | |
| Cline, Richard | 2,410 69 | |
| Cline, Richard B | 1,328 90 | |
| Cline, Alfred | 867 42 | |
| Doyle, James | 2,019 35 | |
| Doherty, Joseph | 3,041 56 | |
| Daley, Charles | 587 88 | |
| Lahey, William | 1,316 50 | |
| Lahey, Frank L | 1,517 18 | |
| Mantle, James E | 783 22 | |
| Miller, James H | 1,827 96 | |
| Murray, William | 1,768 65 | |
| Quinn, William | 1,246 66 | |
| Rogers, Bart | 1,764 95 | |
| Reed, James | 682 05 | |
| Spears, Henry | 1,852 90 | |
| Spears, John | 94 50 | |
| Spears, Martin | 1,089 42 | |
| Spears, James S | 579 13 | |
| Scott, William | 621 26 | |
| Scott, Richard | 475 80 | |
| Stone, Thomas J | 1,785 80 | |
| Sherrard, John L. C | 1,242 95 | |
| Thomas, John S | 2,362 42 | |
| Thomas, Robert | 522 25 | |
| Traynor, Thomas | 2,060 60 | |
| | | 35,565 50 |

J. U. THOMAS,
*Secretary.*

RETURN of Vessels arriving at the Port of St. John, N.B. (subject to Pilotage) for the year ending December 31, 1901.

| —— | British. | Foreign. | Total. |
|---|---|---|---|
| Schooners | 141 | 225 | 366 |
| Brigs and brigantines | 10 | 1 | 11 |
| Barques and barquentines | 21 | 31 | 52 |
| Ships | 2 | 7 | 9 |
| Steamers | 202 | 32 | 234 |
| | 376 | 296 | 672 |
| Amount of pilotage received | $26,701 08 | $11,201 97 | $37,903 05 |

J. U. THOMAS,
*Secretary.*

# APPENDIX No. 26.

## EPORT OF THE PILOTAGE AUTHORITY FOR THE COUNTY OF RICHMOND, N.S., FOR THE YEAR ENDED DECEMBER 31, 1901.

Report of vessels piloted by John Gayetch, pilot No. 5 in the port of Arichat, the lotage district of the County of Richmond, Cape Breton, for the year 1901 :

July 10, British barque *Fannie Bristose*, 260 tons.
October 1, British schooner *Robert Morris*, 128 tons.
December 13, British barque *Fannie Bristose*, 260 tons.

ISIDORE LE BLANC,
*Secretary of the Pilotage Commissioners.*

ARICHAT, January 13, 1902.

# APPENDIX No. 27.

## REPORT OF THE PORT WARDEN OF MONTREAL FOR THE YEAR ENDED DECEMBER 31, 1901.

MONTREAL, January 8, 1902.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Council of this Board, and in compliance with section 31 of the Act governing the Port Warden's Office, 45 Vic., chap. 45, to transmit herewith documents as follows :—

1. Port Warden's annual report for the year 1901.
2. Audited statement of receipts and expenditure of the Port Warden's Office for the year ending December 31, 1901.
3. Statement of investments of Port Warden surplus funds.

I have the honour to be, sir,
Your obedient servant,

GEORGE HADRILL,
*Secretary.*

MONTREAL, December 31, 1901.

To the President and Council
of the Montreal Board of Trade.

GENTLEMEN,—I have the honour to submit the annual report of the business of this office with statements of exports, receipts and expenditure for the year 1901.

Navigation opened by the arrival from sea of the ss. *Jacona*, on April 25, with a cargo of fruit from the Mediterranean ports, and closed with the departure for sea of the ss. *Boliviana*, on November 25.

The first sailing vessel to arrive from sea was the barquentine *Haave*, on June 10, with a cargo of molasses, from Barbados.

The ss. *Lord Iveagh* was the first vessel to enter the St. Lawrence by the Straits of Belle Isle at 5 p.m., July 4. This is later than usual. We have had direct telegraph communication with Belle Isle this season for the first time; this should prove a great boon to the shipping community, and the public in general when it is in satisfactory working order, as we can then ascertain when the straits are open and safe for navigation. A large amount of ice has been there, more or less all this season, and the straits were unusually late opening for regular navigation.

An effort has been made this season to institute direct shipping communication between Chicago, Great Britain and the Continent, with but indifferent success. Four vessels were put on the line, viz., the ss. *Northwestern*, *Northeastern*, *Northtown*, and *Northman*; they did not prove very satisfactory for the work.

This season we have had an increased number of vessels going hence light, or only ırt loaded, to complete their loading at other ports, as the following statistics will show; ıis, in a great measure, is due to scarcity of cargo, but is also owing in part to lowness ' water in the ship channel.

Vessels part loaded at Montreal and completed loading at Quebec—1900, 65 vesıls; 1901, 89 vessels—increase, 24 vessels.

Vessels leaving Montreal light (or empty) to load elsewhere—1900, 9 vessels; 1901, ) vessels—increase, 11 vessels.

Three hundred and ninety-six oversea or foreign-going vessels of all kinds were ıtered at this office, with a tonnage of 988,018 tons, a decrease of twenty vessels and ),216 tons compared with the year 1900.

This is principally owing to the excessive rates of insurance on hulls and cargoes, hich, we are of opinion, might now be materially decreased in view of the improved conition of the ship channel, as shown. Notwithstanding the low water prevailing in the ver, there has been almost an immunity from accident in the ship channel this season.

The business to the lower ports this season consisted, of entered two hundred and ghty-nine vessels of all classes, with a tonnage of 412,449 tons, an increase of 18 essels and 84,890 tons.

Clearances for vessels loaded for the lower ports were as follows:—Ninety vessels of l classes, with a tonnage of 67,253 tons, as against 84 vessels of all classes last year, ith a tonnage of 63,171 tons, an increase of 6 vessels and 4,082 tons.

There has been a marked improvement in the lower port trade this season, a larger ıd better class of vessels taking the place of the turret ships and small type of vessels ıey have hitherto had.

The water in the ship channel in the months of October and November this year as been unusually low. On November 22 the record on the gauges was as follows:—Iontreal, 26′ 1″; Sorel, 25′ 8″, whereas the gauges showed on the same date last year at Iontreal, 30′ 3″; Sorel, 30′ 11″.

Notwithstanding the low water in the river, there has not been a single mishap to ıy outward bound vessel in the dredged channels. Such accidents as have occurred ave been in tidal waters, or with inward bound comparatively light draught vessels.

The shores of Newfoundland were the scene of the most serious disasters this year. Io less than six total wrecks occurred near Cape Race the early part of the season, ortunately without loss of life. There is no doubt all these were attributable to the same ause, an unusual and unexpected drift of current which prevailed during a period of ense fog, but the Gulf and River St. Lawrence have been comparatively free from misap. You will note the unusual shortage of grain the past season, a decrease of over even millions in corn alone, and the smallest season's shipment of grain since 1896. Ve have also had the smallest shipment of apples this season that we have had for many ears. Both these shortages are the result of bad crops. The shipments of various inds for the past season manifested and reported at this office are as per attached latements.

All of which is respectfully submitted.

ARCHIBALD REID,
*Port Warden.*

# PORT WARDEN'S OFFICE.

DR. STATEMENT of Receipts and Expenditure for the year ending December 31, 1901. CR.

| 1900. | | $ cts. | $ cts. | 1901. | | $ cts. | $ cts. |
|---|---|---|---|---|---|---|---|
| Dec. 31.. | To Balance cash in bank | 8,285 57 | | Dec. 31.. | By Paid salaries, &c.:— | | |
| | Cash in Port Warden's hands | 2,473 67 | | | Archibald Reid, Port Warden | 2,500 00 | |
| 1901. | | | 10,759 24 | | A. T. Crighton, Deputy Port Warden | 1,650 00 | |
| | | | | | Jas. N. Bales, Deputy Port Warden | 1,600 00 | |
| Dec. 31.. | Dividend from estate D. A. McGillis | | 0 57 | | W. J. Anderson, bookkeeper | 1,500 00 | |
| | Revenue derived as under: | | | | J. F. Scanlon, clerk | 150 00 | |
| | 13,588,098 bushels wheat | | | | H. C. Lane, clerk | 249 00 | |
| | 89,883 " buckwheat | | | | F. A. Jackson, junior clerk | 90 00 | |
| | 740,749 " pease | | | | J. A. Vibert, allowance | 500 00 | |
| | 656,962 " barley | | | | Superannuation allowance:— | | |
| | 768,697 " rye | | | | Archibald Reid, Port Warden | 300 00 | |
| | 2,459,234 " oats | | | | A. T. Crighton, Deputy Port Warden | 200 00 | |
| | 4,078,215 " corn | | | | Jas. N. Bales, Deputy Port Warden | 200 00 | |
| | 669,871 " flax seed | | | | W. J. Anderson, bookkeeper | 100 00 | |
| | 12,127 " oil cakes | | | | J. A. Vibert | 179 94 | |
| | 9,837 " minerals | | | | Board of Trade, secretarial expenses | 1,000 00 | |
| | 1,131 barrels ashes | | | | Rent, fuel and taxes | 312 58 | |
| | 633,331 " flour, meal, &c. | | | | Telephones, light, cleaning office, &c. | 241 33 | |
| | 121,186 " apples | 302 99 | | | Lloyds' register and shipping papers | 32 09 | |
| | 72,732 head oxen and horses | 727 32 | | | Books, printing and stationery | 195 85 | |
| | 48,073 " sheep | 120 17 | | | Cab and car fares | 40 35 | |
| | 193,948 tons sundries | 3,878 96 | | | Miscellaneous expenses | 44 69 | |
| | 25,343 " hay | 506 86 | | | Alf. W. Hadrill, auditor | 60 00 | |
| | 220,663,712 feet sawn lumber | 1,103 48 | | | | | 11,145 83 |
| | Port Warden's fees (inwards) | 224 00 | | | Outstanding accounts, 1901 | | 8 02 |
| | " " (outwards) | 2,094 00 | | | Balance cash in bank | 12,054 64 | |
| | Special surveys | 147 00 | | | Cash in Port Warden's hands | 98 04 | |
| | Damaged cargo certificates | 167 25 | | | | | 12,152 68 |
| | | | 9,272 03 | | | | |
| | Interest bank account | 244 19 | | | | | |
| | Treasurer Board of Trade, interest on investments | 3,030 50 | | | | | |
| | | | 3,274 69 | | | | |
| 1902. | | | 23,306 53 | | | | 23,306 53 |
| Jan. 2.. | To balance | 12,152 68 | | | | | |

Audited and found correct, E. & O. E.

ALF. W. HADRILL, *Auditor.*

MONTREAL, January 4, 1902.

ARCHIBALD REID,
*Port Warden.*

STATEMENT of the Investments of the Surplus Funds of the Port Warden's Office at Montreal, and of interest accruing therefrom during the year ended December 31, 1901.

| Date. | —— | Amount. | Per cent for 12 mos. | Interest. |
|---|---|---|---|---|
| | | $ | | $ cts. |
| Feb. 16, '80 | Expended $2,380.34 in purchase of Dominion Government Stock.. | 2,300 | 3½ | 80 50 |
| Aug. 16, '80 | Expended $7,254.11 in purchase of city of Montreal Registered Stock | 7,000 | 5 | 350 00 |
| April 18, '84 | Expended $5,031.34 in purchase of city of Montreal four per cent Registered Stock (Nos. 1720, 1721, 1722, 1723, 1724=5 at $1,000) | 5,000 | 4 | 200 00 |
| Mar. 14, '87 | Expended $10,320.75 in purchase of city of Montreal Consolidated Fund Stock | 10,000 | 4 | 400 00 |
| | Loans to Montreal Board of Trade Building Fund to date.. | 50,000 | 4 | 2,000 00 |
| | Total | 74,300 | | 3,030 50 |

ARTHUR S. HODSON,
*Treasurer, Montreal Board of Trade.*

GEO. HADRILL,
*Secretary, Montreal Board of Trade.*

MONTREAL, January 8, 1902.

COMPARATIVE STATEMENT of Shipments 1900 and 1901 as per Manifests reported at Port Warden's Office.

| Description. | | 1900. | 1901. | 1901. | |
|---|---|---|---|---|---|
| | | | | Increase. | Decrease. |
| Wheat | Bush. | 10,376,683 | 13,588,098 | 3,211,415 | |
| Buckwheat | " | 301,996 | 89,883 | ..... | 212,113 |
| Peas | " | 1,690,999 | 740,749 | ..... | 950,250 |
| Barley | " | 1,021,790 | 656,962 | ..... | 364,828 |
| Rye | " | 528,839 | 768,697 | 239,858 | |
| Oats | " | 4,893,237 | 2,459,234 | ..... | 2,434,003 |
| Corn | " | 11,361,333 | 4,078,215 | ..... | 7,283,118 |
| Flax seed | " | 167,765 | 669,871 | 502,106 | |
| Total | | 30,342,642 | 23,051,709 | 3,953,379 | 11,244,312 |
| | | | | | 3,953,379 |
| Total decrease for the year 1901 | | ..... | ..... | ..... | 7,290,933 |
| Flour and Meal | Brls. | 486,200 | 633,331 | 147,131 | |
| Ashes | " | 1,068 | 1,131 | 63 | |
| Apples | " | 253,418 | 121,186 | ..... | 132,232 |
| Cheese | Boxes | 2,031,739 | 1,793,893 | ..... | 237,846 |
| Butter | Pckgs | 244,787 | 407,606 | 162,819 | |
| Eggs | " | 234,306 | 204,094 | ..... | 30,212 |
| Box meat | " | 147,580 | 162,567 | 14,987 | |
| Lard | " | 271,633 | 253,018 | ..... | 18,615 |
| Dead meat | Qtrs. | 18,213 | 1,174 | ..... | 17,039 |
| Pulp | Tons | 23,643 | 12,249 | ..... | 11,394 |
| Paper | " | 4,795 | 7,137 | 2,342 | |
| Sundries | " | 44,876 | 34,667 | ..... | 10,209 |
| Hay | " | 9,752 | 25,343 | 15,591 | |
| Oil cake | " | 8,760 | 12,127 | 3,367 | |
| Phosphates | " | 18 | ..... | ..... | 18 |
| Minerals | " | 5,308 | 9,837 | 4,529 | |
| Dried grains | " | ..... | 471 | 471 | |
| Lumber | Ft. B. M. | 232,449,185 | 220,663,712 | ..... | 11,785,473 |
| Cattle | Head | 91,110 | 71,488 | ..... | 19,622 |
| Horses | " | 2,659 | 1,244 | ..... | 1,415 |
| Sheep | " | 31,625 | 48,073 | 16,448 | |
| Horses to South Africa | " | 3,716 | 5,218 | 1,502 | |

Revenue, 1900 ..... $11,092.19
" 1901 ..... 9,272.03

Decrease ..... $ 1,820.16

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STATEMENT of Oversea or Foreign-going Vessels.

| Description. | 1900. | | 1901. | |
|---|---|---|---|---|
| | No. | Tons. | No. | Tons. |
| ..... | 406 | 1,034,890 | 388 | 983,649 |
| ..... | 3 | 1,198 | 4 | 2,240 |
| schooners..... | 7 | 2,146 | 4 | 2,129 |
| Totals..... | 416 | 1,038,234 | 396 | 988,018 |

ıse of 20 vessels and 50,216 tons.

STATEMENT of Lower Port Arrivals.

| | | | | |
|---|---|---|---|---|
| ..... | 258 | 326,207 | 278 | 410,944 |
| schoonersc..... | 13 | 1,352 | 11 | 1,505 |
| Totals ..... | 271 | 327,559 | 289 | 412,449 |

se of 18 vessels and 84,890 tons.

CLEARANCES for Lower Ports.

| | | | | |
|---|---|---|---|---|
| ..... | 76 | 62,368 | 82 | 66,272 |
| schooners. ..... | 8 | 803 | 8 | 981 |
| Totals..... | 84 | 63,171 | 90 | 67,253 |

se of 6 vessels and 4,082 tons.

E.

ARCHIBALD REID,
*Port Warden.*

# APPENDIX No. 28.

## REPORT OF PORT WARDEN AT QUEBEC, FOR THE YEAR ENDED DECEMBER 31, 1901.

PORT WARDEN'S OFFICE,
QUEBEC, December 19, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—As is usual at this time, I have much pleasure in sending you a return of the business transacted in the Port Warden's office during the season just closed.

It shows the receipts and disbursements to have been as follows, viz. :—

| | |
|---|---|
| Receipts from all sources | $1,384 00 |
| Disbursements | 384 00 |
| Balance net receipts | $1,000 00 |

I also inclose a return of cattle and sheep shipped at Quebec during the season on which no fees were charged as instructed by your letter of June 5, last.

Nine steamers took live stock at Quebec during the season amounting to 3,858 head of cattle and 1,284 sheep.

The fees on which would have amounted to the sum of $64.12 if charged for as in former years.

The whole respectfully submitted by your obedient servant,

W. SIMONS,
*Port Warden.*

PORT WARDEN'S OFFICE,
QUEBEC, December 31, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—As required by the 30th section of the Port Warden's rules, I beg respectfully to submit the following annual statement of the business transacted in this office, during the year ending December 31, 1901, as follows:—

Eighty-three steamers were surveyed for clearance outward after taking part cargo on board at this port, having previously shipped part cargo of grain and other goods at Montreal.

Eighteen steamers were surveyed for clearance outward after having shipped full cargo of grain and other goods at this port.

Twenty-five steamers aud nine sailing vessels were surveyed, their hatches opened and cargo examined on their arrival from sea.

Seven steamers were surveyed on account of grounding and stranding in the River St. Lawrence, below and above Quebec.

One steamer and two sailing vessels were surveyed on account of collision damage.

Four steamers were surveyed and their value estimated for general average purpose.

Fourteen surveys were held on damaged goods in store and on wharfs.

The receipts and disbursements of this office were as follows :—

| | |
|---|---|
| Receipts from all sources | $ 1,384 00 |
| Expenses | 384 00 |
| Balance, net receipt | $ 1,000 00 |

Besides the above there were several vessels damaged by stranding and otherwise that did not come under the Port Warden's rules.

Nine steamers took live stock at Quebec during the season, amounting in all to 3,858 cattles, and 1,248 sheeps on which if fees had been collected as in former years would have amounted to $64.12, as shown by accompanying statement.

With much respect,
I am your obedient servant,

W. SIMONS,
*Port Warden.*

QUEBEC, December, 1901.

RETURN of cattle and sheep shipped at the port of Quebec during the season of 1901, with the names of steamers and amount of fees, if collected, as in former years.

| Date. | Name of Vessel. | Number of Sheep. | Number of Cattle. | Amount of Sheep. | Amount of Cattle. |
|---|---|---|---|---|---|
| 1901. | | | | $ cts. | $ cts. |
| July 12 | Manchester City, ss | 789 | 340 | 3 99 | 5 10 |
| " 25 | Manchester Corporation, ss | ..... | 342 | ..... | 5 13 |
| " 27 | Virginian, ss | ..... | 475 | ..... | 7 13 |
| Aug. 20 | Europe, " | 450 | 326 | 2 25 | 4 89 |
| " 31 | Iberian, " | ..... | 400 | ..... | 6 00 |
| Sept. 15 | Pinemore, " | ..... | 470 | ..... | 7 05 |
| " 29 | Kingstonian, ss | ..... | 597 | ..... | 8 95 |
| Oct. 9 | Iberian, ss | ..... | 525 | ..... | 7 88 |
| " 27 | Caledonian, ss | ..... | 383 | ..... | 5 75 |
| | | 1,248 | 3,858 | 6 24 | 57 88 |

RECAPITULATION.

| | |
|---|---|
| Nine steamers took 3,858 cattle from this port | $ 57 88 |
| Two " " 1,247 sheep " " | 6 24 |
| Total | $ 64 12 |

W. SIMONS,
*Port Warden and Inspector of Cattle and Fittings.*

# APPENDIX No. 31.

## REPORT OF THE PORT WARDEN FOR THE PORT OF PICTOU FOR THE YEAR ENDED DECEMBER 31, 1901.

PICTOU, N.S., January 6, 1902.

Account of Port Warden for the year 1901 at the port of Pictou, N.S. :—

| | |
|---|---|
| Certificate of seaworthiness to barque *Finn* repaired at Pictou. | $ 8 00 |
| Survey on cargoes of schooners *France* and *Rupies* at Pictou, October 30, for self and assistant | 13 00 |
| | $21 00 |
| Expenses for the year, &c | 3 20 |
| Total | $17 80 |

WILLIAM CUMMING MUNRO,
*Port Warden.*

# APPENDIX No. 30.

## REPORT OF THE PORT WARDEN FOR THE PORT OF NORTH SYDNEY FOR THE YEAR ENDED DECEMBER 31, 1901.

PORT WARDEN'S OFFICE,
NORTH SYDNEY, C.B., December 28, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit to you my annual report, which is as follows:—

During the past season I have held surveys on 10 steamers, 3 brigantines and 4 schooners. Of this number, four had considerable repairs done, the balance were principally for certificates of seaworthiness.

| | |
|---|---|
| The total fees received were | $ 148 00 |
| Office rent and expenses | 40 00 |
| | $ 108 00 |

The number of vessels visiting the port this season was smaller than usual, but it is expected that on the completion of the new coal pier of the Nova Scotia Steel and Coal Company, there will be a larger amount of business next season.

I have the honour to be, sir,
Your obedient servant,

ANDREW NISBET,
*Port Warden.*

# APPENDIX No. 31.

## REPORT OF THE PORT WARDEN FOR THE PORT OF PICTOU FOR THE YEAR ENDED DECEMBER 31, 1901.

PICTOU, N.S., January 6, 1902.

Account of Port Warden for the year 1901 at the port of Pictou, N.S. :—

| | |
|---|---|
| Certificate of seaworthiness to barque *Finn* repaired at Pictou. | $ 8 00 |
| Survey on cargoes of schooners *France* and *Rupies* at Pictou, October 30, for self and assistant | 13 00 |
| | $21 00 |
| Expenses for the year, &c | 3 20 |
| Total | $17 80 |

WILLIAM CUMMING MUNRO,
*Port Warden.*

# APPENDIX No. 32.

## REPORT OF THE PORT WARDEN AT RIMOUSKI, P.Q., FOR THE YEAR ENDED DECEMBER 31, 1901.

RIMOUSKI, December 31, 1901.

) the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit to you my annual report as Port Warden of mouski. I did not visit any vessels nor collect any moneys during the year.

I have, &c.,

CAPT. ELZ. HEPPELL,
*Port Warden.*

# APPENDIX No. 33.

## REPORT OF THE PORT WARDEN FOR THE PORT OF PORT HAWKESBURY FOR THE YEAR ENDED DECEMBER 31, 1901.

PORT HAWKESBURY, December 31, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit to you the doings of this office, accompanied by a statement of the fees collected by me, and also the attendant expenses during the year.

Inclosed please find a list of vessels arriving at this port in a damaged condition on which surveys have been held during the year 1901, now closed.

The damaged vessels were all repaired, and arrived safely at their ports of destination.

I have the honour to be, sir,
Your obedient servant,

D. W. HENESEY,
*Port Warden.*

RECEIPTS and Expenses of the Port Warden's Office at Port Hawkesbury, for the year ending 1901.

| | $ cts. | | $ cts. |
|---|---|---|---|
| 2 surveys held on schooner *E. M. G. Hardy.* | 10 00 | Paid assistant Wm. Duff, shipwright..... | 5 00 |
| 1 " " *Rivicra* ..... | 10 00 | Paid Lloyds and Wm. H. Paint..... | 5 00 |
| 1 " " *St. Joseph*, of St. Pierre. ..... | 5 00 | Total. ..... | 10 00 |
| 1 survey on stores American barge..... | 5 00 | | |
| 1 survey held on schooner *Enterprise*..... | 10 00 | Amount collected..... | 40 00 |
| Total..... | 40 00 | Amount reverting to Port Warding ... | 30 00 |

I do hereby state that the above is a true statement of surveys held and fees paid.

D. W. HENESEY,
*Port Warden.*

PORT HAWKESBURY, December 31, 1901.

# APPENDIX No. 34.

## REPORT OF THE PORT WARDEN FOR PRINCE EDWARD ISLAND FOR THE YEAR ENDED DECEMBER 31, 1901.

PORT WARDEN'S OFFICE,
PRINCE EDWARD ISLAND, December 31, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report of the business of my office during the past season.

I am glad to report that all the vessels loaded with grain for foreign ports have arrived in safety.

I have the honour to be, sir,
Your obedient servant,

H. P. WELSH.

RECEIPTS and Expenditure of the Port Warden's Office, Prince Edward Island, for the year ending December 31, 1901.

| Date. | Receipts. | Amount. | Date. | Expenditure. | Amount. |
|---|---|---|---|---|---|
| 1901 | | $ cts. | 1901. | | $ cts. |
| | To fees derived from grain-laden vessels | 99 00 | | By Expense of office | 8 00 |
| | Damaged goods | 39 50 | | Commissions to deputies | 40 00 |
| | Survey on hatches | 6 00 | | Balance | 122 50 |
| | Other surveys | 26 00 | | | |
| | | 170 50 | | | 170 50 |

I hereby certify the above to be a correct statement.

H. P. WELSH.

CHARLOTTETOWN, P.E.I., December 31, 1901.

# APPENDIX No. 35.

## REPORT OF THE PORT WARDEN OF YARMOUTH, N.S., FOR THE YEAR ENDED DECEMBER 31, 1901.

YARMOUTH, N.S., January 3, 1902.

To the Minister of Marine and Fisheries,
Ottawa.

SIR,—I now make my annual report as Port Warden at Yarmouth, N.S., for the year ending December 31, 1901.

I have been called on four times for survey of hatches, and twice for vessels damaged.

Total amount of fees for the year, $38.

I remain, your obedient servant,

EBEN SCOTT,
*Port Warden.*

# APPENDIX No. 36.

## REPORT OF THE PORT WARDEN AT ST. ANDREWS, N.B., FOR THE YEAR ENDED DECEMBER 31, 1901.

Port Warden's report for all dues collected at the port of St. Andrews, for the calender year ending December 31, 1901.

| | | | |
|---|---|---|---|
| Feb. 9— | Survey on ground tier schooner *R. S. Graham*.. | | $ 5 00 |
| " 22— | " hatches " *Tobago*..... | | 2 50 |
| " 27— | " " " *Ruth Robinson*... | | 2 50 |
| April — | " pilot boat *Cruiso*..... .... ..... | | 1 00 |
| Dec. 21— | " hatches and cargo schooner *Fanny*.... | | 5 00 |
| | | | $16 00 |

JOHN WREN
*Port Warden.*

ST. ANDREWS, N.B., January 2, 1902.

# APPENDIX No. 37.

## REPORT OF THE PORT WARDEN AT CHATHAM, N.B., FOR THE YEAR ENDED DECEMBER 31, 1901.

CHATHAM, N.B., Dec. 16, 1901.

Department of Marine and Fisheries,
Ottawa.

DEAR SIR,—Inclosed please find copies of all surveys made by me as Port Warden for the port of Chatham, N.B., for this year. Navigation closed at this port about the 7th inst. One steamer, *Ceylon*, went to sea yesterday, having been detained at the entrance to the harbour by ice. This was the last sea-going vessel bound out of this port.

The amounts received by me for surveys this year were:—

| | |
|---|---|
| Steamship *Nether Holme* | $15 00 |
| " *Riplingham* | 15 00 |
| Bark *Areolo* | 10 00 |
| Schooner *Johnathan* | 10 00 |
| | $50 00 |

Your obedient servant,

WILLIAM MUIRHEAD,
*Port Warden.*

*Report of survey on Steamer "Nether Holme."*

PORT OF CHATHAM, N.B., June 29, 1901.

At the request of the Maritime Sulphate Fibre Co., of Chatham, N.B., Dominion of Canada, I, William Muirhead, Port Warden for the Port of Chatham, N.B., Robert J. Walls, Pilot and Harbour Master, proceeded on board the steamer *Nether Holme* of Maryport, England, for the purpose of holding a survey on the propeller of said *Nether Holme*, the propeller having had one of the blades broken off.

We, said surveyors, found three of the blades of the propeller in good condition, the fourth about two-thirds broken off.

As the propeller shaft was out of water we, said surveyors, recommend the broken blade on propeller to bo taken off and replaced by the spare one which was on deck of the said steamer.

This has been done to our satisfaction, and we now consider the vessel seaworthy and fit to perform her work as per charter.

(Signed) WILLIAM MUIRHEAD,
*Port Warden.*

ROBERT J. WALLS,
*Harbour Master.*

*Report of survey on ss. "Riplingham."*

PORT OF CHATHAM, N.B., July 8, 1901.

At the request of C. Johnstone, master of the ss. *Riplingham* of Goole, England, 9 tons register. I, William Muirhead, Port Warden for the Port of Chatham, N.B., G. S. Simons, master of the ss. *Semantha*, of Liverpool, England, went on board said ss. *Riplingham* for the purpose of holding survey, said ss. *Riplingham* having n in collision with the schooner *Wenoah* of Gloucester, United States, on June of this r.

On examination of said steamship we, said surveyors, find that said ss. *Riplingham* received no damage by said collision and is in every way fit and seaworthy to pro- d on her voyage to her port of destination.

(Signed) WILLIAM MUIRHEAD,
*Port Warden.*

G. S. SIMONS,
*Master of ss. "Semantha."*

*Report of survey on barque "Areola".*

PORT OF CHATHAM, N.B., July 7, 1901.

At the request of A. Anderson, master of the barque *Areola* of Frederickstad, Nor- y 851 tons register tonnage, now in the Port of Chatham, N.B., Dominion of Canada, William Muirhead, Port Warden, Robert Walls, Shipwright and Pilot Master and N. erson, Master of the Norwegian barque *Ophelia* of Norway, proceeded on board said que *Areola* for the purpose of holding a survey on said barque, she being listed con- erably to the port side.

We found the barque making little or no water, but recommended taking down fore topgallant mast, fore royal and topgallant yards and main royal yard. This ing been done we consider the barque seaworthy and fit to proceed to her port of tination, viz., Belfast, Ireland.

(Signed) WILLIAM MUIRHEAD,
*Port Warden.*

ROBERT WALLS,
N. PETERSON.

*Report of survey on schooner "Johnathan."*

PORT OF CHATHAM, N.B., September 7, 1901.

At the request of M. Kalmin, master of the schooner *Johnathan*, of Riga of sia, 296 tons register tonnage, now at the port of Chatham, New Brunswick, inion of Canada, laden with general cargo of salt in bulk and bags, brick, iron, &c., Villiam Muirhead, Port Warden for the Port of Chatham, N.B., Dominion of ada, and Robert J. Walls, Shipwright and Pilot Master, went on board said schooner *athan* and held a survey on hatches and cargo of said schooner and we found all o in sight in good order and condition and not damaged by coming in contact with water.

(Signed) WILLIAM MUIRHEAD,
*Port Warden.*

ROBERT J. WALLS,
*Pilot Master.*

# APPENDIX No. 38.

## REPORT OF THE PORT WARDEN AT HOPEWELL CAPE, N.B., FOR THE YEAR ENDED DECEMBER 31, 1901.

HOPEWELL CAPE, December 31, 1901.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—Inclosed please find yearly returns from my office as Port Warden, amounting in all to $41. Of this amount I received personally $21, balance to assistants.

Although a very large amount of shipping has visited our port, only one casualty of importance happened, that of the barquentine *Bahama*, which was condemned and sold as she lay on her beam ends.

The schooner *Glad Tidings* having been wrecked and stripped this season, was or is off the books, which I at the time advised.

Yours, &c.,

H. J. BENNETT,
*Port Warden.*

Memoranda of surveys I held on vessels during season ending December 31, 1901:

| | |
|---|---|
| Schooner *E. A. Lambord*, damaged by being hauled from her moorings; survey and two assistants and certificate... | $15 00 |
| Survey and certificate steamship *Hermic*, repairs on engine, &c..... | 8 00 |
| Barquentine *Bahama*, struck on bar, rolled over and capsized; two assistants, sold, condemned..... | 18 00 |
| | $41 00 |

HENRY J. BENNETT,
*Port Warden.*

HOPEWELL CAPE, December 31, 1901.

# APPENDIX No. 39.

## REPORT OF THE PORT WARDEN FOR ANNAPOLIS, N.S., FOR THE YEAR ENDED DECEMBER 31, 1901.

ANNAPOLIS, N.S., December 31, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of making my report as Port Warden for Annapolis, N.S., for the year ending December 31, 1901.

| | |
|---|---|
| August 16.—Survey on Bkt. *Frederica* | $18 00 |
| " 21.—Second survey on Bkt. *Frederica* | 10 00 |
| December 21.—Survey on hatches *Swandilde* | 2 50 |
| Fees collected | $30 50 |
| Paid assistants | 15 00 |
| Net revenue | $15 50 |

I have the honour to be, sir,
Your obedient servant,

SIMON W. RILEY,
*Port Warden.*

# APPENDIX No. 40.

## REPORT OF THE PORT WARDEN FOR WHITNEY PIER, C.B., FOR THE YEAR ENDED DECEMBER 31, 1901.

WHITNEY PIER, SYDNEY, C.B.

F. GOURDEAU, ESQ.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Herewith I beg to hand you my report as Port Warden at Whitney Pier Sydney, N.S., to end of December, 1901. All of which is respectfully submitted.

Your obedient servant,

NELSON TOWNSEND,
*Port Warden.*

| Date. | Rig. | Name of Vessel. | Name of Master. | Registered Tonnage. | Cargo. | From. | Where Bound. | Draught. Fore. | Draught. Aft. | Free Board | Fee. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1901. | | | | | | | | ft. in. | ft. in. | ft. in. | $cts. |
| Aug. 17 | S S | Northwestern | Tower | 1,496 | General | Chicago, Ill. | Antwerp | 15 .. | 20 .. | 9 .. | 8 00 |
| " 17 | " | Loughrigg Holme | Johnson | 1,316 | Deals | Three Rivers, Que. | London | 19 6 | 20 6 | 8 7½ | 8 00 |
| " 19 | " | Northman | Read | 1,496 | General | Chicago, Ill. | Hartlepool | 15 . | 19 .. | 8 .. | 8 00 |
| " 22 | " | Salopia | Wm. Burgess | 1,548 | Phosphate | Fernandina | Stettin | 21 1 | 21 2 | 2 6 | 8 00 |
| " 29 | " | Salerno | Neilsen | 1,683 | Pig iron | Sydney, N.S | Glasgow | 21 10 | 22 5 | 3 11 | 8 00 |
| " 31 | " | Daventry | Wilson | 1,578 | Deals | Quebec, Que | Pembroke | 18 10 | 20 11 | 2 1 | 8 00 |
| Sept. 3 | " | Nether Holme | Gorley | 1,285 | " | Chatham, N.B. | Liverpool | 17 3 | 19 3 | 3 6½ | 8 00 |
| " 3 | " | Bangor | Brown | 2,201 | " | " | Belfast | 21 3 | 21 11 | 10 2½ | 8 00 |
| " 4 | " | Nith | Stephenson | 1,489 | " | Grindstone Island | Manchester | 20 6½ | 21 .. | 2 3½ | 8 09 |
| " 6 | " | M. C. Holm | Larsen | 1,672 | " | Miramichi, N.B. | Dublin | 18 5 | 19 4 | 5 2½ | 8 00 |
| " 18 | " | South Gate | Thompson | 2,378 | " | St. John, N.B | Brow Head | 21 4 | 23 8 | 7 9 | 8 00 |
| Oct. 13 | " | Forest Holme | Beaton | 1,544 | " | Montreal, Que | London | 19 9 | 21 .. | 9 9 | 8 00 |
| " 13 | " | Trold | Gulliksen | 2,075 | Pig iron | Sydney, N.S | Glasgow | 21 9 | 23 3 | 5 6 | 8 00 |
| " 13 | " | Loughrigg Holme | Johnson | 1,317 | Deals | Quebec, Que | London | 18 6 | 19 6 | 9 1 | 8 00 |
| " 13 | " | Polarstgernen | Branth | 2,199 | " | Chatham, N.B | Manchester | 18 7 | 21 2 | 9 9 | 8 00 |
| " 21 | Sc. | Syanara | Verner | 299 | Bricks | Philadelphia, U.S. | Sydney, N.S | Survey on hatches. | | | 8 00 |
| Nov. 4 | S S | Almora | Fairley | 2,835 | Pig iron | Sydney, N.S | Glasgow | 22 4 | 23 8 | 6 4 | 8 00 |
| " 8 | " | Mira | Muir | 2,409 | " | " | Liverpool | 21 6 | 24 8 | 7 4½ | 8 00 |
| " 15 | " | H. W. Jarlsberg | Kjerland | 1,941 | " and ammonia | " | Boston | 21 5 | 21 6½ | 3 6 | 8 00 |
| " 22 | " | Mora | Nicholson | 1,965 | " | " | Glasgow | 19 11½ | 20 5½ | 5 3 | 8 00 |
| " 26 | " | Pola | Beaven | 1,968 | Deals | Chatham, N.B. | Manchester | 16 6 | 20 2 | 7 1 | 8 00 |
| " 29 | " | Eva | Meyer | 1,931 | Coal | Sydney, N.S | Bergen | 22 9 | 22 9 | 2 5 | 8 00 |
| Dec. 2 | " | Inca | Cox | 1,930 | Pig iron | " | Liverpool | 21 3½ | 21 3½ | 4 11 | 8 00 |
| " 3 | " | Trold | Gulliksen | 2,075 | " | " | Glasgow | 21 3 | 21 8 | 5 10 | 8 00 |
| " 18 | " | Ceylon | Johansen | 1,443 | Deals | Chatham, N.B | Fleetwood | 18 4 | 18 6 | 4 8½ | 8 00 |
| " 29 | " | Almora | Fairley | 2,835 | Pig iron | Sydney, N.S | Glasgow | 22 4 | 23 8 | 6 4 | 8 00 |
| | | | | 46,908 | | | | | | | 208 00 |

NELSON TOWNSEND,
*Port Warden.*

# APPENDIX No. 41.

## REPORT OF THE PORT WARDEN FOR VANCOUVER, B.C., FOR THE YEAR ENDED DECEMBER 31, 1901.

VANCOUVER, B.C., January 6, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of submitting to you my annual report of Port Warden of the port of Vancouver, B.C., for the year ending December 31, 1901.

Amount of fees received for the surveys of hulls, hatches and cargoes, $424.00.

MALCOLM McLEOD,
*Port Warden.*

# APPENDIX No. 42.

## REPORT OF THE PORT WARDEN FOR VICTORIA AND ESQUIMALT, B.C., FOR THE YEAR ENDED DECEMBER 31, 1901.

VICTORIA, B.C., January 3, 1902.

The Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of submitting my annual report as port warden for the ports of Victoria and Esquimalt, for the year ending December 31, 1901.

| | |
|---|---|
| Amount of fees received for surveys on the hatches of 4 vessels | $200 00 |
| Amount received for surveys on cargoes, hulls, &c | 469 50 |
| Total fees received | $669 50 |

I have the honour to be, sir,
Your obedient servant,

CHARLES E. CLARKE,
*Port Warden.*

# APPENDIX No. 43.

## REPORT OF THE PORT WARDEN FOR MONCTON, N.B., FOR THE YEAR ENDED DECEMBER 31, 1901.

MONCTON, N.B., December 31, 1901.

To the Deputy Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—I beg leave to report that nothing has been done at this port for the year ending December 31, 1901.

JAMES HAMILTON,
*Port Warden.*

# APPENDIX No. 44.

## HARBOUR MASTERS.

TABLE showing the names of Ports proclaimed under certain Dominion Acts, the provisions of which are found in Chapter 86, Revised Statutes of Canada, for the appointment of harbour masters; the dates of proclamation; the names of the harbour masters appointed; the dates of the appointment of harbour masters; the amount which each of their salaries is not to exceed; the amount of fees collected by each of them during the calender year ended December 31, 1901, and the overplus, if any, paid in to the credit of the Receiver General.

### PROVINCE OF ONTARIO.

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1901. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Collingwood | Mar. 3, '77 | Andrew Lockerbie | Mar. 3, '77 | 200 00 | 73 00 | ..... |
| Depôt Harbour | June 15, '98 | J. F. Pratt | June 15, '98 | 200 00 | ..... | ..... |
| Fort William | July 7, '91 | Thos. E. Oakley | May 21, '97 | 400 00 | ..... | ..... |
| French River | June 20, '93 | E. Borron, jun | June 20, '93 | 200 00 | ..... | ..... |
| Goderich | April 22, '76 | William Marlton | May 8, '94 | 300 00 | ..... | ..... |
| Midland | July 22, '82 | John White | July 13, '97 | 200 00 | 91 50 | ..... |
| Parry Sound | Mar. 19, '83 | John Purvis | Oct. 9, '00 | 200 00 | 25 00 | ..... |
| Penetanguishene | Feb. 2, '77 | Francis Dusome | June 3, '81 | 200 00 | 16 00 | ..... |
| Port Arthur | May 12, '84 | B. Guerard | May 21, '97 | 200 00 | 77 00 | ..... |
| Port Stanley | Jan. 15, '98 | Frank E. Shepherd | Jan. 15, '98 | 200 00 | ..... | ..... |
| Rondeau | " 4, '78 | W. R. Fellowes | Dec. 17, '88 | 100 00 | 11 00 | ..... |
| Southampton | Sept. 13, '75 | W. H. Johnston | Oct. —, '82 | 100 00 | 42 00 | ..... |
| Sarnia | July 25, '85 | Robert McAdam | May 3, '86 | 300 00 | ..... | ..... |

### PROVINCE OF QUEBEC.

| | | | | | | |
|---|---|---|---|---|---|---|
| Amherst | Sept. 2, '78 | John Cassidy | Sept. 2, '78 | 200 00 | ..... | ..... |
| Bersimis | July 31, '91 | Earl D. Chase | July 31, '91 | 200 00 | ..... | ..... |
| Carleton | Dec. 8, '81 | Joseph E. Cullen | Mar. 30, '96 | 200 00 | ..... | ..... |
| Chicoutimi | June 17, '85 | Ainsworth Sturton | June 8, '86 | 200 00 | ..... | ..... |
| Grand Entry | Feb. 19, '92 | Geo. Rumley | Jan. 12, '01 | 200 00 | 1 00 | ..... |
| Grand River | April 3, '00 | Geo. Beaudin | April 3, '00 | 100 00 | 5 50 | ..... |
| Gaspé | Sept. 22, '74 | Francis G. Eden | " 3, '89 | 500 00 | ..... | ..... |
| House Harbour | Aug. 9, '87 | C. Lafrance | Dec. 10, '96 | 200 00 | 10 00 | ..... |
| Lachine | April 19, '80 | ..... | ..... | ..... | ..... | ..... |
| Matane | Oct. 19, '77 | L. J. Levasseur | Dec. 12, '96 | 200 00 | 69 50 | ..... |
| Métis | Feb. 7, '78 | J. H. Eerguson | Mar. 10, '96 | 200 00 | ..... | ..... |
| New Carlisle | " 25, '89 | John C. Hall | Jan. 17, '95 | 200 00 | 2 50 | ..... |
| New Richmond | April 3, '82 | Henry Leblanc | April 3, '82 | 200 00 | 13 50 | ..... |
| Oak Bay | Mar. 22, '80 | Jas. D. Sowerby | Mar. 22, '80 | 200 00 | ..... | ..... |
| Paspébiac | May 22, '77 | W. L. Kempffer | Sept. 21, '00 | 150 00 | 55 50 | ..... |
| Port Daniel | Mar. 25, '89 | Claude H. Sweetman | Mar. 12, '01 | 200 00 | 4 50 | ..... |
| Rimouski | " 5, '77 | A. P. St. Laurent | May 13, '96 | 200 00 | 56 50 | ..... |
| Rivière Ouelle | July 22, '82 | ..... | ..... | 100 00 | ..... | ..... |
| Rivière du Loup | June 19, '00 | P. E. Tremblay | June 19, '00 | 100 00 | 55 00 | ..... |
| St. Thomas | Dec. 21 '85 | L. Dionne | Oct. 22, '96 | 200 00 | 83 50 | ..... |
| St. Johns | Within the Harbour of Montreal. | G. H. Farrar | Mar. 20, '97 | 500 00 | ..... | ..... |
| Sorel | | J. A. Proulx | June 6, '01 | 300 00 | 288 50 | ..... |
| Trois Pistoles | Mar. 28, '98 | Edouard T. Pettigrew | April 11, '90 | 100 00 | 23 00 | ..... |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF NEW BRUNSWICK.

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1901. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Alma | May 2, '98 | Gideon W. Parsons | May 2, '98 | 100 00 | 14 00 | ... |
| Bathurst | July 9, '73 | M. T. Daley | April 21, '96 | 200 00 | 70 00 | ... |
| Black's Harbour and Beaver Harbour | Sept. 17, '83 | E. W. Cross | Sept. 17, '83 | 100 00 | ... | ... |
| Buctouche | July 7, '73 | H. Hutchinson | April 17, '97 | 100 00 | ... | ... |
| Campbellton | " 9, '73 | A. J. Venner | " 12, '93 | 200 00 | 96 00 | ... |
| Campobello | " 7, '73 | W. E. Sulis | Dec. 16, '92 | 100 00 | ... | ... |
| Cape Tormentine | May 7, '95 | M. S. Treen | May 13, '01 | 200 00 | 48 00 | ... |
| Caraquet | " 30, '74 | Louis Poirier | April 17, '83 | 150 00 | 7 50 | ... |
| Chatham | July 7, '73 | R. J. Walls | " 13, '98 | 300 00 | 322 50 | 22 50 |
| Cocagne | " 7, '73 | H. Bourgeois | Mar. 12, '97 | 100 00 | 0 50 | ... |
| Dalhousie | " 8, '74 | W. S. Smith | " 19, '88 | 200 00 | 143 00 | ... |
| Dorchester | " 9, '75 | James Shea | Oct. 25, '00 | 200 00 | 20 50 | ... |
| Fairhaven | " 30, '01 | Alonzo Calder | July 30, '01 | 200 00 | ... | ... |
| Fredericton | May 30, '73 | Vacant | ... | ... | ... | ... |
| Grand Manan, North | Aug. 22, '89 | Newton L. Thomas | Oct. 9, '01 | 100 00 | ... | ... |
| Grand Manan, South | " 22, '89 | Turner Ingalls | May 23, '01 | 100 00 | ... | ... |
| Gull Rock Channel | Jan. 14, '98 | Wm. L. Kent | Jan. 14, '98 | 100 00 | ... | ... |
| Great Shemogue | May 30, '73 | Vacant | ... | 100 00 | ... | ... |
| Harvey | " 30, '73 | Jas. E. Bishop | June 22, '97 | 100 00 | 43 00 | ... |
| Heron Channel | July 15, '97 | Duncan Robertson | July 15, '97 | 200 90 | 38 50 | |
| Hillsborough | May 30, '73 | John O'Shaughnessy | April 13, '98 | 100 00 | ... | ... |
| Hopewell Cape | Aug. 25, '91 | John H. Christopher | June 26, '99 | 200 00 | 49 50 | ... |
| Ledge of St. Stephens | May 17, '73 | W. McBean | " 12, '94 | 100 00 | ... | ... |
| Letete, &c. | Sept. 22, '83 | Jacob Cook | Nov. 26, '97 | 100 00 | 4 00 | ... |
| Little Shippegan and Miscou Gully | April 19, '86 | Donald Harper | April 19, '86 | 100 00 | ... | ... |
| Little Shemogue | Sept. 5, '88 | Vacant | ... | 100 00 | ... | ... |
| Moncton | May 30, '73 | E. P. Cook | April 11, '95 | 200 00 | ... | ... |
| Musquash | Mar. 26, '74 | J. McNulty | Sept. 28, '96 | 100 00 | 6 00 | ... |
| Newcastle | May 30, '73 | John Niven | July 7, '73 | 300 00 | 136 50 | ... |
| North Joggins | " 30, '73 | Vacant | ... | ... | ... | ... |
| Port Elgin and Bay Verte | Feb. 6, '73 | Andrew Grant | May 7, '01 | 200 00 | ... | ... |
| Pokemouche | June 23, '83 | M. Landry | " 13, '01 | 100 00 | ... | ... |
| Richibucto | May 30, '73 | James Alexander Jardine | " 11, '74 | 200 00 | 31 50 | ... |
| Rockland | " 30, '73 | Vacant | ... | ... | ... | ... |
| Sackville | " 30, '73 | John A. Bowser | Aug. 8, '98 | 200 00 | ... | ... |
| St. Andrew's | " 30, '73 | John Wren | May 6, '84 | 100 00 | 86 50 | ... |
| St. George | " 30, '73 | Geo. W. McKenzie | " 10, '00 | 100 00 | 15 50 | ... |
| St. Martin and Quaco | " 14, '74 | Joseph Carson | " 14, '74 | 100 00 | ... | ... |
| Shediac | " 30, '75 | Alexander McQueen | " 19, '76 | 300 00 | 50 00 | ... |
| Shippegan | " 30, '73 | Auguste Robichaud | Mar. 29, '01 | 100 00 | ... | ... |
| Tracadie | July 9, '75 | Theodore Savoy | Sept. 23, '99 | 100 00 | 12 50 | ... |
| Waterside | Sept. 3, '89 | W. C. Anderson | May 24, '01 | 100 00 | ... | ... |
| West Isles | July 30, '01 | B. Simpson | Sept. 27, '01 | 200 00 | ... | ... |

PROVINCE OF NOVA SCOTIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| Abbot's Harbour | May 23, '01 | F. U. D'Entremont | May 23, '01 | 200 00 | ... | ... |
| Advocate | May 13, '80 | Wm. Mills | Mar. 17, '99 | 100 00 | 21 50 | ... |
| Annapolis | Feb. 5, '75 | John Lindgren | July 7, '98 | 200 00 | 50 00 | ... |
| Apple River | Aug. 5, '86 | Robt. D. Field | Sept. 9, '90 | 200 00 | 24 00 | ... |
| Arichat | April 22, '79 | B. Gerrior | May 23, '01 | 200 00 | 8 00 | ... |
| Baddeck | Sept. 15, '75 | Alex. McAulay | Dec. 10, '90 | 100 00 | ... | ... |
| Barrington | April 1, '81 | B. Kenney | July 6, '93 | 200 00 | 11 00 | ... |
| Bayfield | " 11, '79 | John McDonald | " 11, '79 | 200 00 | Nil. | ... |
| Bay St. Lawrence | April 21, '87 | G. Zwicker | April 21, '87 | 200 00 | ... | ... |
| Bear River | Sept. 22, '74 | Wm. McFadden | Sept. 27, '97 | 100 00 | 43 00 | ... |
| Beaver Harbour | July 5, '80 | Henry Hawboldt | " 22, '88 | 100 00 | 12 50 | ... |
| Big Harbour | June 9, '83 | Donald McKenzie | May 28, '83 | 100 00 | ... | ... |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF PRINCE EDWARD ISLAND.

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1906. | Amou't paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Alberton | June 17, '74 | John Kingh | July 30, '01 | 200 00 | ..... | ..... |
| Bay Fortune | April 10, '75 | John R. Coffin | April 29, '78 | 200 00 | ..... | ..... |
| Brudenell | July 25, '85 | Vacant. | ..... | 200 00 | ..... | ..... |
| Cape Traverse | May 23, '84 | " | ..... | 100 00 | ..... | ..... |
| Cardigan River, including Cardigan Bridge | July 2, '78 | Hercules McDonald | July 2, '78 | 200 00 | ..... | ..... |
| Cardigan River, from head of river to north bank Mitchell River | May 16, '78 | Joseph Livingstone | Nov 14, '01 | 100 00 | ..... | ..... |
| Cove Head | " 15, '80 | James D. McMillan | May 15, '80 | 100 00 | ..... | ..... |
| Charlottetown and Hillsboro River | June 17, '74 | David Small | Feb. 19, '77 | 400 00 | 141 50 | ..... |
| Crapaud | " 17, '74 | Wesley Myers | June 17, '74 | 200 00 | ..... | ..... |
| Egmont Bay | " 17, '74 | George Bollum | Nov. 3, '85 | 200 00 | ..... | ..... |
| Georgetown | " 17, '74 | Samuel James Hemphill | Sept. 27, '01 | 200 00 | 18 00 | ..... |
| Grand River | April 10, '75 | Wm. Chas. Jenkins | May 4, '97 | 200 00 | ..... | ..... |
| Grand River, down to and including Poplar Point and Chapel Wharf | May 16, '79 | Vacant. | ..... | 200 00 | ..... | ..... |
| Malpeque | June 20, '74 | J. Champion | Dec. 10, '96 | 200 00 | ..... | ..... |
| Miminegash | April 12, '80 | Martin Hustler | Jan. 25, 01 | 100 00 | 1 50 | ..... |
| Montague Bridge | June 7, '74 | Welton Porter | April 7, '97 | 200 00 | 15 50 | ..... |
| Murray Harbour | " 7, '74 | Wm. Miller | June 17, '74 | 200 00 | ..... | ..... |
| Murray River | May 16, '79 | Geo. McLedo | Feb. 9, '97 | 200 00 | 6 50 | ..... |
| New London | June 17, '74 | Wm. Bell | Aug. 25, '96 | 200 00 | 2 50 | ..... |
| Pinette | " 17, '74 | Daniel McAulay | Dec. 18, '97 | 200 00 | ..... | ..... |
| Port Hill | " 17, '74 | W. C. Brown. | June 20, '98 | 200 00 | ..... | ..... |
| Pownal | July 10, '79 | Michael Haley | Mar. 30, '97 | 100 00 | ..... | ..... |
| Rollo Bay | April 10, '75 | Vacant | ..... | 200 00 | ..... | ..... |
| Rustico | May 5, '75 | Felix Buote | Mar. 1, '97 | 200 00 | ..... | ..... |
| St. Peter's Bay | April 10, '75 | George Barry | May 3, '01 | 200 00 | ..... | ..... |
| Souris East and West | " 10, '75 | Wm. McDonald | Sept. 21, '99 | 200 00 | Nil. | ..... |
| Summerside | June 17, '74 | Wm. Stymest | Oct. 20, '97 | 200 00 | 51 00 | ..... |
| Tignish | April 22, '90 | Vacant. | ..... | ..... | ..... | ..... |
| Tracadie | May 5, '75 | Donald Campbell | Aug. 27, '95 | 200 00 | ..... | ..... |
| Tryon | April 12, '77 | Vacant | ..... | 200 00 | ..... | ..... |
| Vernon River Bridge | June 17, '74 | John Finlay | Oct. 9, '84 | 200 00 | ..... | ..... |
| West River | May 5, '75 | Vacant | ..... | 200 00 | ..... | ..... |
| Wood Island | " 22, '99 | James Young. | May 22 '99 | 100 00 | 13 00 | ... |

PROVINCE OF BRITISH COLUMBIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| Chemainus | March 2, '97 | Lewis G. Hill. | Mar. 2, '97 | 200 00 | 255 00 | 55 00 |
| Comox | April 25, '96 | Geo. H. Rowe | April 25, '96 | 200 00 | 192 50 | ..... |
| Nanaimo and Departure Bay | " 25, '76 | Harry Cooper | Feb. 25, '97 | 500 00 | 203 00 | ..... |
| New Westminster | Jan. 23, '80 | Joseph Reichenbach | May 15, '01 | 400 00 | 89 00 | ..... |
| Quadra | April 17, '77 | Vacant | ..... | 300 00 | ..... | ..... |
| Vancouver, including Burrard Inlet | Feb. 22, '88 | Malcolm McLeod. | Jan. 14, '97 | 600 00 | 571 00 | ..... |
| Victoria and Esquimalt | Mar. 8, '75 | C. E. Clarke | Nov. 3, '94 | 600 00 | 615 50 | 15 50 |

F. GOURDEAU,
*Deputy Minister Marine and Fisheries.*

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF NOVA SCOTIA—*Concluded.*

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1901. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Merigomish | Mar. 26, '78 | D. McGregor | Mar. 22, '93 | 100 00 | 2 50 | |
| Meteghan Harbour | June 8, '97 | B. F. Robichaud | June 8, '97 | 100 00 | | |
| Meteghan River | Feb. 10, '83 | L. A. Comeau | " 1, '97 | 100 00 | 2 00 | |
| Musquodoboit | May 19, '82 | David Williams | May 19, '82 | 100 00 | 4 00 | |
| New Haven | " 28, '83 | H. A. McLeod | Aug. 17, '89 | 100 00 | | |
| Neil's Harbour | " 28, '83 | A. Hayman | May 28, '83 | 100 00 | | |
| Northport | June 27, '82 | John M. Burns | June 27, '82 | 100 00 | 25 50 | |
| North-west Cove, Coleman's Cove and Aspotogan Harbour | Dec. 29, '76 | P. Boutillier | " 30, '92 | 200 00 | | |
| Parrsboro | Oct. 30, '80 | R. T. Smith | April 30, '01 | 300 00 | 83 00 | |
| Petit de Grat | June 5, '95 | S. Boudrot | June 5, '95 | 200 00 | | |
| Petite Rivière Bridge | " 23, '83 | John Nelson Parks | April 27, '88 | 100 00 | | |
| Plaster Harbour | May 6, '74 | Vacant | | | | |
| Port George | " 1, '77 | Charles B. Weaver | May 1, '77 | 150 00 | | |
| Port Greville | Mar. 5, '80 | Wm. Cochrane | Oct. 26, '98 | 200 00 | 30 50 | |
| Port Hawkesbury | July 9, '75 | Daniel Henesey | July 9, '75 | 200 00 | 119 50 | |
| Port Hood | " 9, '75 | John H. Murphy | " 9, '75 | 200 00 | | |
| Port la Tour | April 14, '81 | Wm. Sholds | Feb. 15, '98 | 200 00 | 3 00 | |
| Port Lorne | Mar. 13, '86 | Freeman Beardsley | June 9, '97 | 200 00 | 20 00 | |
| Port Maitland | May 26, '85 | Josiah Ellis | Dec. 10, '96 | 200 00 | | |
| Port Morien | Mar. 3, '79 | Hector McDonald | Mar. 3, '79 | 400 00 | 17 50 | |
| Port Mulgrave | " 8, '76 | James McKay | May 1, '01 | 200 00 | 14 00 | |
| Port Medway | June 25, '79 | S. Manthorn | Feb. 2, '99 | 200 00 | | |
| Pubnico | Sept. 27, '82 | D. Q. Amireau | Sept. 27, '82 | 100 00 | 41 50 | |
| Pugwash | Oct. 22, '73 | C. T. DeWolfe | May 6, '95 | 100 00 | 35 00 | |
| Ritcey's Cove | Sept. 29, '84 | T. J. C. Creaser | Jan. 8, '01 | 100 00 | 44 50 | |
| River Bourgeoise | April 19, '86 | E. C. Bouchie | April 19, '86 | 100 00 | 3 00 | |
| River John | Mar. 26, '78 | H. Campbell | June 11, '91 | 100 00 | 50 | |
| St. Ann's | April 29, '81 | George Fader | Dec. 29, '00 | 200 00 | 3 50 | |
| St. Mary's River | May 18, '81 | John P. Burns | Dec. 23, '01 | 200 00 | 6 00 | |
| St. Peter's | Jan. 24, '81 | Peter McNeil | Sept. 17, '83 | 200 00 | 89 00 | |
| Sambro | Dec. 23, '79 | Ben Smith | May 27, '90 | 200 00 | 25 50 | |
| Sheet Harbour | May 14, '74 | H. Hall | April 13, '98 | 200 00 | | |
| Shelburne | Aug. 27, '77 | John C. Morrison | May 4, '97 | 200 00 | 159 50 | |
| Ship Harbour | June 2, '84 | Conrad Marks | June 2, '84 | 100 00 | 52 50 | |
| Spencer's Island | May 22, '99 | Baxter McLellan | May 22, '99 | 100 00 | | |
| Tangier | Nov. 14, '01 | Chas. A. Hilchey | Nov. 14, '01 | 200 00 | | |
| Tatamagouche | Feb. 27, '78 | Wm. Rielly | June 1, '00 | 200 00 | | |
| Tidnish | Aug. 10, '80 | Manford Oxley | Oct. 22, '01 | 100 00 | | |
| Tiverton | April 3, '00 | Joel Blackford | April 3, '00 | 100 00 | | |
| Torbay and Whitehaven | May 18, '81 | Andrew Haley | Dec. 10, '97 | 200 00 | | |
| Tusket | Mar. 1, '75 | Charles W. Hatfield | Mar. 7, '87 | 100 00 | 20 50 | |
| Tusket Wedge | Dec. 19, '99 | James LeBlanc | Mar. 16, '01 | 100 00 | 55 50 | |
| Victoria Pier, South Bar, Sydney | July 25, '84 | Ernest Richardson | Nov. 1, '97 | 200 00 | | |
| Wallace | Oct. 22, '73 | Jas. D. Patton | Feb. 14, '96 | 100 00 | 1 00 | |
| West Arichat | Aug. 20, '90 | A. B. Poirier | Oct. 7, '96 | 100 00 | 14 50 | |
| West Bay | May 8, '84 | John McInnis | May 8, '84 | 100 00 | 2 50 | |
| West Port | Mar. 8, '87 | Geo. Welsh | Jan. 29, '98 | 200 00 | 30 50 | |
| Weymouth | May 21, '94 | R. Payson | May 29, '97 | 200 00 | 27 00 | |
| Whycocomagh | Oct. 8, '75 | Neil McKinnon | Oct. 8, '75 | 100 00 | | |
| Wolfville | Aug. 16, '01 | J. L. Franklin | Aug. 16, '01 | 100 00 | | 9 00 |
| Wood's Harbour | Feb. 19, '92 | S. K. Woods | Feb. 19, '92 | 200 00 | | |
| Yarmouth | Mar. 1, '75 | Ebenezer Scott | Oct. 19, '77 | 250 00 | 236 50 | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Grand Harbour | Charlotte | *D. J. W. McLaughlin* | | | | | | | | | |
| Harvey | Albert | G. Brewster | | | | | | | | | |
| Hillsborough | " | John Wallace | | | | | | | | | |
| Lepreaux | Charlotte | J. E. Haggerty | | Nil. | | | Nil. | | | Nil. | |
| Moncton | Westmoreland | J. W. Binney | | | | | | | | | |
| Musquash | St. John | A. T. Dunn | | | | | | | | | |
| New Brandon | Gloucester | F. J. Foley | | | | | | | | | |
| Newcastle | Northumberland | *J. Niven* | | | | | | | | | |
| Quaco | St. John | J. Carson | | | | | | | | | |
| Richibucto | Kent | B. V. Johnson | | | | | | | | | |
| Rockport | Westmoreland | R. C. Ward | | | | | | | | | |
| Sackville | " | W. C. Milner | | | | | | | | | |
| St. Andrews | Charlotte | | | | | | | | | | |
| St. George | " | James McKay | | | | | | | | | |
| St. John | St. John | *W. H. Purdy* | 546 | 647 | 967 10 | 1,403 | 1,003 | 1,002 40 | 2,949 | 1,650 | 1,969 50 |
| St. Stephen | Charlotte | H. Graham | | | | | | | | | |
| Shediac | Westmoreland | W. R. Wood | | 2 | 60 | 2 | | 1 00 | 2 | 2 | 1 60 |
| Shippegan | Gloucester | Henry A. Sormany | | | | | | | | | |

## NOVA SCOTIA.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Advocate Harbour | Cumberland | Wm. Moore | 7 | 4 | 4 70 | 21 | 16 | 15 30 | 28 | 20 | 20 00 |
| Amherst | " | W. D. Main | | | | | | | | | |
| Annapolis | Annapolis | E. McCormick | | | | | | | | | |
| Antigonish | Antigonish | A. Boyd | | Nil. | | | Nil. | | | | |
| Apple River | Cumberland | H. H. Mosher | | | | | | | | | |
| Arichat | Richmond | *D. O'C. Madden* | | | | | | | | | |
| Aspy Bay | Victoria | D. McDonald | | | | | | | | | |
| Baddeck | " | J. McDonald | | | | | | | | | |
| Barrington | Shelburne | D. Sargent | 8 | 2 | 4 60 | 4 | 7 | 4 10 | 12 | 9 | 8 70 |
| Bayfield | Antigonish | E. E. Randall | | | | | | | | | |
| Beliveau's Cove | Digby | E. E. Theriau | 37 | 14 | 22 70 | 53 | 64 | 45 70 | 90 | 78 | 68 40 |
| Bear River | " | *W. W. Wade* | | | | 61 | 66 | 50 30 | | | |
| Beaver Harbour | Colchester | R. Perry | | | | | | | | | |
| Bridgetown | Annapolis | S. S. Ruggles | | | | | | | | | |
| Bridgewater | Lunenburg | *N. C. Owen* | 28 | 18 | 19 40 | 60 | 45 | 43 50 | 88 | 63 | 62 90 |
| Canning | King's | | | | | | | | | | |
| Canso | Guysborough | Thomas C. Cook | | | | | | | | | |
| Cape Sable Island | Shelburne | *E. Nickerson* | 6 | 2 | 3 60 | 2 | 27 | 8 10 | 8 | 4 | 11 70 |
| Church Point | Digby | Isaac H. LeBlanc | 13 | 13 | 10 40 | 19 | 23 | 16 40 | 32 | 36 | 26 80 |
| Clementsport | Annapolis | Chas. Ditmars | 25 | 20 | 18 50 | 39 | 44 | 32 70 | 64 | 64 | 51 20 |
| Digby | Digby | J. M. Viet | | | | | | | | | |
| Freeport | " | A. F. Outhouse | | | | | | | | | |
| French Cross | King's | J. E. Orpen | | | | | | | | | |
| Great Bras d'Or | Cape Breton | D. Campbell | | | | | | | | | |

# APPENDIX No. 41.

## REPORT OF THE PORT WARDEN FOR VANCOUVER, B.C., FOR THE YEAR ENDED DECEMBER 31, 1901.

VANCOUVER, B.C., January 6, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of submitting to you my annual report of Port Warden of the port of Vancouver, B.C., for the year ending December 31, 1901.

Amount of fees received for the surveys of hulls, hatches and cargoes, $424.00.

MALCOLM McLEOD,
*Port Warden.*

# APPENDIX No. 42.

## REPORT OF THE PORT WARDEN FOR VICTORIA AND ESQUIMALT, B.C., FOR THE YEAR ENDED DECEMBER 31, 1901.

VICTORIA, B.C., January 3, 1902.

The Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of submitting my annual report as port warden for the ports of Victoria and Esquimalt, for the year ending December 31, 1901.

| | |
|---|---|
| Amount of fees received for surveys on the hatches of 4 vessels | $200 00 |
| Amount received for surveys on cargoes, hulls, &c | 469 50 |
| Total fees received | $669 50 |

I have the honour to be, sir,
Your obedient servant,

CHARLES E. CLARKE,
*Port Warden.*

STATEMENT showing returns respecting shipping and discharging Seamen, &c.—*Continued.*

NOVA SCOTIA—*Continued.*

| Name of Port. | Name of County. | Name of Shipping Masters. | For Half-year ended June 30, 1901. | | | For Half-year ended December 30, 1901. | | | Total Seamen Shipped. | Total Seamen Dis-charged. | Total Amount. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Seamen Shipping. | Seamen Dis-charged. | Amount. | Seaman Shipping | Seamen Dis-charged. | Amount. | | | |
| | | | | | $ cts. | | | $ cts. | | | $ cts. |
| Guysboro' | Guysboro' | W. Cameron | | | | | | | | | |
| Halifax | Halifax | *H. Bligh* | 1,606 | 1,322 | 1,199 60 | 1,646 | 1,307 | 1,215 10 | 3,252 | 2,629 | 2,414 70 |
| Hantsport | Hants | J. W. Lawrence | | | | | | | | | |
| Harbour au Bouche | Antigonish | E. Corbett | | | | | | | | | |
| Harbourville | King's | Chas. E. Morris | | | | | | | | | |
| Isaac's Harbour | Guysboro' | J. D. Griffin | | | | | | | | | |
| Jordan Bay | Shelburne | M. D. McKenzie | | | | | | | | | |
| Lingan | Cape Breton | *Matthew Roche* | | | | | | | | | |
| Liscomb | " | P. Collins | | | | | | | | | |
| Little Bras d'Or | Guysboro' | James Hemlow | | | | | | | | | |
| Little Glace Bay | | *John Joseph Campbell* | | | | | | | | | |
| Liverpool | Queen's | *I. J. V. Dexter* | | | | | | | | | |
| Lockeport | Shelburne | J. R. Ruggles | 93 | | 46 50 | 55 | 5 | 29 00 | 148 | 5 | 75 50 |
| Londonderry | Colchester | J. A. Blakie | | | | | | | | | |
| Louisbourg | Cape Breton | *Wm. Lewis* | | | | | | | | | |
| Lunenburg | Lunenburg | *Alfred G. Heisler* | | | 209 00 | 214 | 188 | 163 40 | | | 372 40 |
| Mahone Bay | " | A. F. Zwicker | | | | | | | | | |
| Main à Dieu | Cape Breton | R. McDougall | | | | | | | | | |
| Maitland | Hants | Alex. Roy | | | | | | | | | |
| Margaree | Inverness | M. A. Dunn | | | | | | | | | |
| Margaretsville | Annapolis | D. W. Landers | | | | | | | | | |
| Merigomish | Pictou | D. McGregor | | | | | | | | | |
| Meteghan | Digby | E. U. Doucet | 38 | 26 | 26 80 | 48 | 40 | 36 00 | 86 | 66 | 62 80 |
| North-East Harbour | Shelburne | G. B. Swaine | | | | 10 | 10 | 8 00 | | | |
| North Sydney | Cape Breton | *Malcolm J. Ross* | | | | | | | | | |
| Parrsboro | Cumberland | *D. K. Holmes* | 153 | 107 | 108 60 | 191 | 173 | 147 40 | 344 | 280 | 256 00 |
| Pictou | Pictou | *John Waters* | | | | | | | | | |
| Port Gilbert | Digby | James Bingay | | | | | | | | | |
| Port Greville | Cumberland | James Kerr | | | | | | | | | |
| Port Hawkesbury | Inverness | D. A. McDonald | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Port Lorne | Annapolis | [illegible] | | | | | | | | | |
| Port Medway | Queen's | E. E. Leston | | | | | | | | | |
| Port Morien | Cape Breton | W. W. Bown | | | | | | | | | |
| Port Mulgrave | Guysboro | M. J. Keating | 3 | 1 | 1 80 | 11 | 36 | 16 30 | 14 | 37 | 18 10 |
| Port Williams | King's | G. S. Lockwood | | | | | | | | | |
| Pubnico | Yarmouth | W. H. Amiro | | | | | | | | | |
| Pugwash | Cumberland | J. Wilson | | | | | | | | | |
| Ritcey's Cove | Lunenburg | E. G. Seabover | | | | | | | | | |
| River Hébert | Cumberland | A. W. Pugsley | | | | 28 | 27 | 22 10 | | | |
| St. Ann's | Cape Breton | D. McAulay | | | | | | | | | |
| St. Peter's | Richmond | Donald Urquhart | | | | | | | | | |
| Salmon River | Digby | I. H. C. Penny | | | | | | | | | |
| Sheet Harbour | Halifax | M. McFarlane | | | | | | | | | |
| Shelburne | Shelburne | W. W. Atwood | 51 | 16 | 30 30 | 45 | 17 | 27 60 | 96 | 33 | 57 90 |
| Sydney | Cape Breton | *James Rudderham* | | | | 263 | 177 | 193 00 | | | |
| Sydney, Int. Pier | " | *Vincent Mullins* | 58 | 30 | | | | | | | |
| Thorne's Cove | Annapolis | E. H. Porter | | | | | | | | | |
| Truro | Colchester | George P. Nelson | | | | | | | | | |
| Tatamagouche | " | J. A. G. Campbell | | | | | | | | | |
| Wallace | Cumberland | Charles D. Kerr | | | | | | | | | |
| Walton | Hants | H. Woolaver | | | | | | | | | |
| West Arichat | Richmond | *B. Poirier* | | | 5 50 | | | 8 40 | | | |
| Weymouth | Digby | N. B. Jones | | | | | | | | | |
| Windsor | Hants | A. H. Spence | | | | | | | | | |
| Wolfville | King's | J. B. Davidson | | | | | | | | | |
| Yarmouth | Yarmouth | *N. L. Trefry* | 408 | 317 | 299 10 | 626 | 622 | 499 60 | 1,034 | 939 | 798 70 |

## PRINCE EDWARD ISLAND.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Alberton | Prince | J. P. Brennan | | | | | | | | | |
| Charlottetown | Queen's | *H. W. Mutch* | | | | | | | | | |
| Crapaud | " | S. J. B. Leard | | | | | | | | | |
| Georgetown | King's | Charles Owen | 6 | | 3 00 | 17 | 10 | 11 50 | 23 | 10 | 14 50 |
| Malpeque | Prince | J. M. MacNutt | | | | | Nil. | | | | |
| Montague Bridge | King's | J. M. Aitken | | | | | | | | | |
| Murray Harbour | " | H. J. Brehaut | | | | | | | | | |
| Pinette | Queen's | H. D. Morrison | | | | | | | | | |
| Port Hill | Prince | W. Hopgood | | | | | | | | | |
| St. Peter's Bay | King's | J. A. McLaine | | | | | | | | | |
| Souris | " | Michael J. Foley | | | | | | | | | |
| Summerside | Prince | *Jos. Reed* | 8 | | | 6 | 6 | | | | |
| Tignish | " | George Conroy | | | | | | | | | |

STATEMENT showing returns respecting shipping and discharging Seamen, &c.—*Concluded.*

BRITISH COLUMBIA.

| Name of Port. | Name of County. | Name of Shipping Master. | For Half-year ended June 30, 1901. | | | For Half-year ended December 31, 1901. | | | Total Seamen Shipped. | Total Seamen Dis-charged. | Total Amount. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Seamen Shipped. | Seamen Dis-charged. | Amount. | Seamen Shipped. | Seamen Dis-charged. | Amount. | | | |
| | | | | | $ cts. | | | $ cts. | | | $ cts. |
| Ahouset | Clayoquot | *G. R. McDougall* | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Clayoquot | " | *John Grice* | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Hesquait | Vancouver | *A. J. Brabant.* | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kynquot | Nanaimo | *W. J. Ecker* | 131 | 32 | 75 10 | ... | 76 | 22 80 | 131 | 108 | 97 90 |
| Masset Inlet | Queen Charl'te I'd. | *Charles Harrison* | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| New Westminster | New Westminster. | Peter Grant | ... | Nil. | | | | | | | |
| Ucluclet | Barclay Sound | *Geo. Fraser* | 39 | 35 | 30 00 | ... | ... | 16 65 | ... | ... | 46 65 |
| Vancouver | New Westminster. | *D. McPhaiden* | 588 | 548 | 564 00 | 601 | 594 | 574 90 | 1,187 | 1,142 | 1,138 90 |
| Victoria | Victoria | *H. G. Lewis* | 796 | 325 | 490 50 | 496 | 437 | 379 10 | 1,282 | 762 | 869 60 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Number of Certificate. | Date of Certificate | Name | Grade. | Address. | Where Examination was passed | Fee. |
|---|---|---|---|---|---|---|
| | 1900. | | | | | $ cts. |
| 3094 | Sept. 27 | Chas. Rathford Glenn | Master | Cheverie, N.S | Halifax, N.S. | 15 00 |
| 3095 | " 28 | Fredrick Arthur Tulley | " | Warsaw, Ont | Ottawa, Ont. | 5 00 |
| 3096 | " 29 | James Alex. McBeth | " | 69 Elm St., St. John, N.B. | St. John, N.B | 15 00 |
| 3097 | " 29 | Edmund Kinnie | " | Riverside Alb. Co., N.B. | " | 15 00 |
| 3098 | " 29 | Napoleon Bertrand | " | Rigaud, Que | Ottawa, Ont. | 15 00 |
| 3099 | Oct. 1 | Alfred Gronlund | " | Nanaime, B.C. | Victoria, B.C. | 15 00 |
| 3100 | " 1 | Austin Sherman French | " | Vancouver, B.C | " | 15 00 |
| 3101 | " 1 | John MacLeod | " | Kaslo, B.C. | " | 15 00 |
| 3102 | " 10 | Thos. Hy. Perry | Mate | Whitby, Ont | St. Catharines, O | 6 00 |
| 3103 | " 10 | Lonzo N. Hunt | " | Southampton, Ont. | " | 6 00 |
| 3104 | " 17 | Saml. F. Oldfield | Master | Parry Sound, Ont. | " | 15 00 |
| 3105 | " 15 | Chas. Richard | " | Sorel, Que | Kingston, Ont. | 15 00 |
| 3106 | " 19 | William Cooke | " | Grenville Village, Que. | Ottawa, Ont. | 5 00 |
| 3107 | " 19 | Francis Gerald Young | " | Young's Point, Ont. | Kingston, Ont. | 15 00 |
| 3108 | " 22 | William Burns | " | Sandy Cove, N.S. | Yarmouth, N.S. | 15 00 |
| 3109 | " 23 | Gilbert Morgeau | " | Sorel, Que | Quebec, Que | 15 00 |
| 3110 | " 23 | Thos. Geo. Garcin | " | Charlottetown, P.E.I. | Sydney, N.S. | ..... |
| 3111 | " 26 | Walter S. Ellis | " | Fenelon Falls, Ont | Kingston, Ont. | 15 00 |
| 3112 | " 26 | Robt. Reginald Clarke | Mate | Charlottetown, P.E.I. | Halifax, N.S. | 6 00 |
| 3113 | " 26 | Wm. H. Mabee | " | St. John, N.B. | St. John, N.B | .... |
| 3114 | " 26 | Peter James Shaw | Master | Lakeport, Ont | St. Catharines, O | 15 00 |
| 3115 | " 27 | Stanley Cook | " | Rose Blanche, N.F.S. | Sydney, N.S. | 15 00 |
| 3116 | " 29 | Fredk. Javrell | Mate | Trenton, Ont | Kingston, Ont. | 6 00 |
| 3117 | Nov. 3 | George Magar | Master | New Westminster, B.C. | Vancouver, B.C. | 15 00 |
| 3118 | " 9 | Robt. Danl. Burns | " | Sonora, N.S. | Sydney, N.S. | 15 00 |
| 3119 | " 13 | Emil Chriastiansen | " | New Westminster, B.C. | N. Westminster. | 15 00 |
| 3120 | " 19 | John Jos. McDonald | " | New Westminster, B.C. | N. Westminster. | 15 00 |
| 3121 | " 19 | Oliver Belliveau | Mate | Belliveau's Cove, N.S. | Yarmouth, N.S. | 6 00 |
| 3122 | " 19 | Benjamin Babine | " | Yarmouth, N.S. | " | 6 00 |
| 3123 | " 20 | Wellington Jennex | Master | Jeddore, N.S | Sydney, N.S. | 15 00 |
| 3124 | " 20 | Geddie B. Mitchell | " | Winnipegosis, Man | Rat Portage, Ont | 15 00 |
| 3125 | " 27 | Patrick Hickey | " | Victoria, B.C. | Victoria, B.C. | ..... |
| 3126 | " 29 | Frdk. Monarch, jr. | " | Melocheville, P.Q. | St. Catharines, O | 15 00 |
| 3127 | Dec. 4 | Joseph Urban Blakeney | Mate | Dartmouth, N.S | Halifax, N.S. | 6 00 |
| 3128 | " 10 | Chas. Primeau | " | Windsor, Ont. | St. Catharines, O | 6 00 |
| 3129 | " 10 | William Fitzgerald | Master | Windsor, Ont. | " | 15 00 |
| 3130 | " 10 | John McRitchie | " | Rat Portage, Ont. | Rat Portage, Ont | 15 00 |
| 3131 | " 10 | Robert E. Smith | " | Wabigoon, Ont. | Wabigoon, Ont. | ..... |
| 3132 | " 10 | James Henderson | " | Norman, Ont | Rat Portage, Ont | ..... |
| 3133 | " 13 | George Humphries | Mate | Vancouver, B.C | Vancouver, B.C. | 8 00 |
| 3134 | " 13 | Hollis Alphonse Young | Master | New Westminster, C.C. | " | 15 00 |
| 3135 | " 13 | Doyas George House | Mate | Victoria, B.C. | Victoria, B.C. | 6 00 |
| 3136 | " 13 | Wm. H. Gillen | Master | Victoria, B.C | " | 15 00 |
| 3137 | " 13 | Fritz Plump | Mate | Victoria, B.C | " | 6 00 |
| 3138 | " 13 | Frank Glawson | Master | Victoria, B.C. | " | 15 00 |
| 3139 | " 13 | Gustav Foellmer | Mate | Victoria, B.C. | " | 6 00 |
| 3140 | " 22 | Wm. Alex. Fullock. | Master | Dickinson's Landing, Ont | St. Catharines, O | 15 00 |
| 3141 | " 22 | Volysses G. Richmond | " | Keewatin, Ont. | Winnipeg, Man. | 15 00 |
| 3142 | " 27 | Theron Ackerman | " | New Westminster, B.C. | N. Westminster. | 15 00 |
| 3143 | " 27 | Frederick R. Johnson | Mate | Collingwood, Ont. | St. Catharines, O | 6 00 |
| 3144 | " 27 | Harry Farrow | " | Owen Sound, Ont. | " | 6 00 |
| 3145 | " 27 | George McDonald | " | Yarmouth, N.S. | Yarmouth, N.S. | ..... |
| | 1901. | | | | | |
| 3146 | Jan. 7 | John Inkerman Cass | Master | Cape Cove, Co. Gaspe, Que | Quebec, Que | 15 00 |
| 3147 | " 7 | George Irving | " | Burlington, Ont. | St. Catharines, O | 15 00 |
| 3148 | " 7 | Achille Tremblay | " | Baie St. Paul, Que | Quebec, Que | 15 00 |
| 3149 | " 7 | Thomas Gorst | Mate | Windsor, Ont. | St. Catharines, O | 6 00 |
| 3150 | " 9 | Archibald King | " | Lockport, N.S. | Yarmouth, N.S. | 6 00 |
| 3151 | " 26 | Jones E. Firth | Master | Lydgate, N.S. | Lunenburg, N.S. | 15 00 |
| 3152 | " 9 | John Stevens | Mate | Vancouver, B.C. | Vancouver, B.C. | 8 00 |
| 3153 | " 16 | John Hearn | " | Halifax, N.S. | Halifax, N.S. | 6 00 |
| 3154 | " 16 | Gibbon Gill | Master | Sorel, Que | Quebec, Que | 15 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, during the year ended June 30, 1901.

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1900. | | | | | $ cts. |
| 3029 | July 5 | Thomas R. Hull | Master | Clarina | Ottawa, Ont | 5 00 |
| 3030 | " 5 | Henry Willis | " | Carleton Place, Ont | " | 5 00 |
| 3031 | " 5 | Charles D. Barber | " | Winnipeg, Man | Winnipeg, Man. | 5 00 |
| 3032 | " 7 | Oskar Osler | " | New Mills N.B. | Dalhousie, N.B. | 15 00 |
| 3033 | " 7 | John McLachlin | " | Spanish River, Ont | Spanish River | 15 00 |
| 3034 | " 7 | John Wm. Hutt | " | Port Medway, N.S. | Halifax, N.S. | 15 00 |
| 3035 | " 10 | Edward B. Rhoda | " | Vancouver, B.C. | Victoria, B.C. | 15 00 |
| 3036 | " 10 | Murdock Beaton | " | Cumberland, Ont. | Ottawa, Ont. | 15 00 |
| 3037 | " 10 | Bennett M. Dykeman | " | St. John, N.B. | St. John, N.B. | 15 00 |
| 3038 | " 11 | Alexander Lester | " | Vancouver, B.C. | N. Wesminster | 15 00 |
| 3039 | " 11 | Wm. Osborne Street | " | New Westminster, B.C. | " | 15 00 |
| 3040 | " 11 | Isaac Watt | " | Windsor, Ont. | Kingston, Ont. | 15 00 |
| 3041 | " 11 | George Reid | " | Cardinal, Ont. | Ottawa, Ont. | 15 00 |
| 3042 | " 13 | Louis A. Moore | Mate | North Sydney, C.B., N.S | Sydney, N.S. | 6 00 |
| 3043 | " 13 | Midley Dykeman | Master | Jemseg, N.B. | Fredericton, N.B | 15 00 |
| 3044 | " 19 | Roy W. Troup | Mate | Nelson, B.C. | Victoria, B.C. | 6 00 |
| 3045 | " 19 | David George Kurtz | Master | " | " | 15 00 |
| 3046 | " 19 | Thos. Foster | " | Victoria, B.C. | " | 15 00 |
| 3047 | " 19 | Victor L. E. Larzon | " | Nanaimo, B.C | " | 15 00 |
| 3048 | " 19 | Reuben H. Gardner | Mate | Comeau's Hill, N.S | Yarmouth, N.S. | 6 00 |
| 3049 | " 19 | Frank G. Morin | " | Lakefield, Ont | Kingston, Ont. | 6 00 |
| 3050 | " 19 | Alex. D. Stickler | " | South Lancaster, Ont. | " | 6 00 |
| 3051 | " 19 | Alphonse Lepine | Master | Pointe Claire, Que | Ottawa, Ont. | 15 00 |
| 3052 | " 24 | George Lockhart | Mate | Windsor, N.S. | Yarmouth, N.S. | 6 00 |
| 3053 | " 24 | Nathan A. Beach | Master | Georgeville, Que. | Ottawa, Ont. | 5 00 |
| 3054 | " 24 | Otto Johnson | " | Parry Sound, Ont. | St. Catharines, O. | 15 00 |
| 3055 | " 24 | Wm. Robt. Staunton | Mate | Orillia, Ont. | " | 6 00 |
| 3056 | " 24 | Fredk. Wm. Gilbert | Master | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 3057 | " 24 | Dan Geo. Macauley | " | " | " | 15 00 |
| 3058 | " 24 | Clarence E. Pratt | " | Parry Sound, Ont. | St. Catharines, O. | 15 00 |
| 3059 | " 24 | Robt. Parsons | Mate | Bracebridge, Ont. | " | 6 00 |
| 3060 | " 30 | Alonzo W. Daball | " | Parry Sound, Ont. | " | |
| 3061 | " 30 | Robt. R. Rutherford | Master | Wiarton, Ont. | " | 15 00 |
| 3062 | Aug. 1 | Edw. Jas. Graham | " | St. Jovite, P.Q. | Ottawa, Ont. | 15 00 |
| 3063 | " 7 | John Ryan | " | Campbellton, N.B. | Dalhousie, N.B. | 15 00 |
| 3064 | " 14 | Willbert C. Harris | " | Gore's Landing, Ont. | Kingston, Ont. | 15 00 |
| 3065 | " 14 | James Hunter | " | Belleville, Ont. | " | 15 00 |
| 3066 | " 14 | James Alex. Croll | " | New Westminster, B.C. | N. Westminster. | 15 00 |
| 3067 | " 14 | Geo. B. McCrae | " | Granville, N.S. | Yarmouth, N.S. | 15 00 |
| 3068 | " 14 | Arthur Walton | " | Magnetawan, Ont. | St. Catharines, O. | 15 00 |
| 3069 | " 14 | Frank K. C Stratford | " | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 3070 | " 14 | John McDonald | Mate | Kaslo, B.C. | " | 6 00 |
| 3071 | " 14 | George Dube | " | Penetauguishene, Ont. | St. Catharines, O. | 6 00 |
| 3072 | " 20 | Murdock McKay | Master | Collingwood, Ont. | " | 15 00 |
| 3073 | " 20 | Wm. H. Oldfield | " | Parry Sound, Ont. | " | 15 00 |
| 3074 | " 20 | Wm. Porter Cann | " | Louisburg, N.S. | Sydney, N.S. | 15 00 |
| 3075 | " 20 | Henry Thrussell | Mate | Brockville, Ont. | Kingston, Ont. | 6 00 |
| 3076 | " 20 | Isaac A. Banks | Master | Barrington, N.S | Yarmouth, N.S. | 15 00 |
| 3077 | Nov. 3 | Wm. Di Gon | Mate | St. Peter's, N.S. | St. John, N.B. | 6 00 |
| 3078 | " 24 | Mathew Lownds Henley | Master | Spry Bay, N.S. | Halifax, N.S. | 15 00 |
| 3079 | " 24 | Wm. Alb. Richmond | " | Parry Sound, Ont. | St. Catharines, O. | 15 00 |
| 3080 | " 24 | George Seney | Mate | " | " | 6 00 |
| 3081 | " 24 | Robert Bruce Stenton | " | Harwich, Ont. | " | 6 00 |
| 3082 | " 24 | Alfred Erringham | " | Parry Sound, Ont. | " | 6 00 |
| 3083 | " 24 | John Edgar McKinnon | Master | Yarmouth, N.S. | Yarmouth, N.S. | 15 00 |
| 3084 | Nov. 24 | Winthrop W. Simms | Mate | Winthrop, Mass., U.S.A. | " | 6 00 |
| 3085 | " 24 | Robert Tilson | " | Kingston, Ont. | Kingston, Ont. | 6 00 |
| 3086 | Sept. 24 | LorenzoRaymondMaguire | Master | Mulgrave, N.S | Sydney, N.S. | 15 00 |
| 3087 | " 24 | Joseph Everette Faulkner | " | Hantsport, N.S | Halifax | 15 00 |
| 3088 | " 24 | Robert Brown | " | Windsor, Ont. | St. Catharines | 15 00 |
| 3089 | " 24 | Hedley V. Hughes | Mate | Victoria, B.C. | Victoria | 6 00 |
| 3090 | " 24 | John H'y Aker | Master | Harbourville, N.S | Sydney, N.S. | 15 00 |
| 3091 | " 24 | Abraham Henebery | " | Halifax, N.S. | " | 15 00 |
| 3092 | " 24 | Wm. Frank Farr | " | Parry Sound, Ont. | St. Catharines | |
| 3093 | " 27 | Isaac Henry Cann | Mate | Louisburg, C.B., N.S. | Halifax | 6 00 |

**LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.***

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1901. | | | | | $ cts. |
| 3217 | Mar. 19.. | Zenas Richard | Master | Getsons Point, N.S. | Lunenberg, N.S. | ..... |
| 3218 | " 19.. | Forest Lee Orr | " | Prince Edward Island | Victoria, B.C. | 15 00 |
| 3219 | " 19.. | Forest Lee Orr | Mate | " | " | 6 00 |
| 3220 | " 19.. | John Morgan | " | Victoria, B.C | " | 6 00 |
| 3221 | " 19.. | Robt. John Armstrong | Master | " | " | 15 00 |
| 3222 | " 19.. | Stanley Fraser | Mate | " | " | 6 00 |
| 3223 | " 19.. | Jas. Walker Sangster | Master | " | " | 15 00 |
| 3225 | " 19.. | Harvey Allen Sears | Mate | " | " | 6 00 |
| 3225 | " 19.. | Jas. Edw'd Fairbairn | Master | Dawson, Y.T. | " | 15 00 |
| 3226 | " 23.. | John O'Williams | Mate | Victoria, B.C. | " | 6 00 |
| 3227 | " 23.. | Isaie Duval | " | St. Zotique, P.Q | Ottawa, Ont | 6 00 |
| 3228 | " 23.. | James Goddard Roberts | Master | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 3229 | " 23.. | James Cantwell | " | Campbellton, N.B | Campbellt'n, NB | 15 00 |
| 3230 | " 23.. | Wm. Angus MacLean | " | Hardwich Village, N.B. | Chatham, N.B. | 15 00 |
| 3231 | " 23. | Donat Labonté | Mate | Beauharnois, P.Q. | Ottawa, Ont. | 6 00 |
| 3232 | " 27.. | Harry W. Tower | Master | Sackville, N.B. | Yarmouth, N.S. | 15 00 |
| 3233 | " 27.. | Arthur Toupin | " | Champlain, P.Q. | Quebec, Que. | 15 00 |
| 3234 | " 27.. | Benjamin B. Beard | " | Merritton, Ont. | St. Catharines, O. | 15 00 |
| 3235 | " 27.. | Wm. Alex. Glawson | " | Pleasant Harbour, N.S. | Halifax, N.S | 15 00 |
| 3236 | Apr. 2.. | Alfred Roderick | Mate | Gananoque, Ont | Kingston, Ont. | 6 00 |
| 3237 | " 2.. | Chas. B. Wilson | " | Picton, Ont. | " | 6 00 |
| 3238 | " 2.. | Murdock MacLean | Master | New Westminster, B.C. | Vancouver, B.C. | 15 00 |
| 3239 | " 2.. | Frank S. Smith | Mate | Owen Sound, Ont. | St. Catharines, O. | 6 00 |
| 3240 | " 2.. | Ephraim Steele | Master | Chatham, N.B. | St. John, N.B. | 15 00 |
| 3241 | " 2.. | John LeBaron MacKinley | " | St. John, N.B. | " | 1 00 |
| 3242 | " 2.. | Talmage C. MacLean | Mate | " | " | 6 00 |
| 3243 | " 2.. | David Campbell | " | Main-a-dieu, C.B. | Sydney, N.S. | 6 00 |
| 3244 | " 2.. | Antonio Monpetit | Master | Montreal, Que. | Kingston, Ont. | 15 00 |
| 3245 | " 2.. | Arthur Berry | " | Providence Bay, Ont. | St. Catharines, O. | 15 00 |
| 3246 | " 2.. | James W. Challoner | " | Sydney C.B., NrS | Sydney, N.S. | 15 00 |
| 3247 | " 2.. | Bernard L. Johnson | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3248 | " 2.. | John Collier | " | Newfoundland | Sydney, N.S. | 15 00 |
| 3249 | April 2.. | John A. C. Scagel | Master | Rat Portage, Ont. | Rat Portage, O. | 15 00 |
| 3250 | " 2.. | Andrew E. Hicks | " | Dunbarton, Ont. | St. Catherines, O. | 15 00 |
| 3251 | " 10.. | Daniel May | " | Huntsville, Ont. | " | 15 00 |
| 3252 | " 10.. | Louis Labonté | " | Montreal, Que. | Quebec, Que. | 15 00 |
| 3253 | " 10.. | John Richards | " | Yarmouth, N.S. | Yarmouth, N.S. | 15 00 |
| 3254 | " 10.. | Thomas J. Kickham | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3255 | " 10.. | Henri Mallette | Mate | St. Henri, Montreal, Que | Ottawa, Ont. | 6 00 |
| 3256 | " 10.. | David Samuel Betts | Master | Chatham, N.B. | St. John, N.B. | 15 00 |
| 3257 | " 10.. | Geo. Johnston Matthews | " | " | New Castle, N.B | 15 00 |
| 3258 | " 10.. | Thomas McAvoy | " | Port Dalhousie, Ont. | St. Catherines, O. | 15 00 |
| 3259 | " 10.. | Albert P. Lewis | " | Freeport, N.S | Yarmouth, N.S. | 15 00 |
| 3260 | " 13.. | Henry Arthur White | Mate | Victoria, B.C. | Victoria, B.C. | 6 00 |
| 3261 | " 13.. | Wm. Lawrence Butler | " | " | " | 6 00 |
| 3262 | " 13.. | John Larson | " | " | " | 6 00 |
| 3263 | " 13.. | John Webber | Master | " | " | 15 00 |
| 3264 | " 13.. | Geo. Edw. Robertson | " | " | " | 15 00 |
| 3265 | " 13.. | Edw. Scaling | " | " | " | 15 00 |
| 3266 | " 13.. | Isaac N. Kendall | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3267 | " 13.. | Thos. Padginton | " | Lakeport, Ont. | St. Catherines, O. | 15 00 |
| 3268 | " 13. | Joseph Kernaghan | Mate | " | " | 6 00 |
| 3269 | " 13.. | John Hanam | " | Baddeck, N.S. | Sydney, N.S. | 6 00 |
| 3270 | " 13.. | Pierre Cormier | Master | St. Hyacinthe, Que. | Sorel, P.Q. | 15 00 |
| 3271 | " 13.. | John M. Silverthorn | Mate | Owen Sound, Ont. | St. Catherines, O. | 6 00 |
| 3272 | " 17.. | Sylvester Beazley | Master | Dartmouth, N.S. | Halifax, N.S. | 15 00 |
| 3273 | " 17.. | Murdock Young | " | New Westminster, B.C. | N. Westminster. | 15 00 |
| 3274 | " 17.. | Chas. Coghlan | Mate | " | Vancouver, B.C. | 6 00 |
| 3275 | " 17.. | Frank B. Turner | Master | Vancouver, B.C | " | 15 00 |
| 3276 | " 17.. | Ernest Desbiens | Mate | Isle aux Coudres, Que. | Quebec, Que. | 6 00 |
| 3277 | " 19.. | Wm. H. Bradshaw | " | Bracebridge, Ont. | St. Catherines, O. | 6 00 |
| 3278 | " 19.. | Francis B. Burke | Master | Penetanguishene, Ont. | " | 15 00 |
| 3279 | May 1.. | A. G. Galbraith | Mate | Collingwood, Ont. | " | 6 00 |
| 3280 | " 1.. | Walter Power | Master | Wallaceburg, Ont. | " | 15 00 |
| 3281 | " 1. | Robt. A. Davy | " | Kingston, Ont. | Kingston, Ont. | 15 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1901. | | | | | $ cts. |
| 3155 | Jany 16.. | Wilfred Dufour | Mate | Chateauguay, Que | Ottawa, Ont | 6 00 |
| 3156 | " 17.. | Leon John Eckstair | Master | New Westminster, B.C. | N. Westminster. | 15 00 |
| 3157 | " 17.. | Geo. Watson Marshall | Mate | Victoria, B.C | Victoria, B.C | 6 00 |
| 3158 | " 17.. | George Kirkendale | " | " | " | 6 00 |
| 3159 | " 17.. | Ebenezer Carnie | " | " | " | 6 00 |
| 3160 | " 17.. | Robt. Clarence Meuter | Master | Harrison, B.C | " | 15 00 |
| 3161 | " 23.. | Wm. John Cole | " | Manitowaning, Ont | St.Catharines,O. | 15 00 |
| 3162 | " 23.. | John Alex. Roys | Mate | Kingston, Ont | Kingston, Ont. | |
| 3163 | " 23.. | William Weston | Master | Kingston, Kent Co.,N.B. | Sydney, N.S | 15 00 |
| 3164 | " 23.. | Chas. A. Abbott | Mate | Yarmouth, N.S | Yarmouth, N.S. | 6 00 |
| 3165 | " 23.. | Stuart Roop | " | Clementsport, N.S | " | 6 00 |
| 3166 | " 23.. | Frank Besnette | " | Windsor, Ont | St.Catharines,O. | 6 00 |
| 3167 | " 24.. | Henri A. Boisvert | Master | Ste. Croix, Que | Quebec, Que | 15 00 |
| 3168 | " 26.. | John KellyLevingston | " | St. John, N.B | St. John, N.B. | 15 00 |
| 3169 | " 26.. | Martin Hodgson | Mate | Vancouver, B.C | Vancouver, B.C. | 6 00 |
| 3170 | " 29.. | Henry Chas. Wingrove | " | Collingwood, Ont | St. Catharines,O | 6 00 |
| 3171 | Feb. 9.. | Geo. E. Gale | Master | Babington, Queen's Co., N.B. | Yarmouth, N.S. | 15 00 |
| 3172 | " 9.. | Frederick Geo. Moles | " | Collingwood, Ont | St.Catharines,O. | 15 00 |
| 3173 | " 11.. | Alfonzo M. Granville | " | Cumberland Bay,Queen's Co., N.B. | Yarmouth, N.S. | 15 00 |
| 3174 | " 11.. | Fred. L. LeBlanc | " | Tusket Wedge, N.S | " | 15 00 |
| 3175 | " 11.. | Daniel Heritage | " | Victoria, B.C | Victoria, B.C | |
| 3176 | " 11.. | Richard S. Fisher | " | Selkirk, Man | Winnipegosis | 15 00 |
| 3177 | " 13.. | Isidore Brunet | " | Coteau Landing, Que | Ottawa, Ont | 15 00 |
| 3178 | " 13.. | William Beazley | " | Halifax, N.S | Halifax, N.S | 15 00 |
| 3179 | " 13.. | Wm. Jas. Minot | " | Port Colborne, Ont | St.Catharines,O. | 15 00 |
| 3180 | " 16. | Joseph Jean | " | Laprairie, Que | Quebec, Ont | 15 00 |
| 3181 | " 16.. | Allen Brydges | " | Cornwall, Ont | Ottawa, Ont | 15 00 |
| 3182 | " 16.. | Thos. J. Jackman | " | Victoria, B.C | Victoria, B.C | 15 00 |
| 3183 | " 16.. | John Henry McCormick | " | Dawson, Y.T | " | 15 00 |
| 3184 | " 19. | Burton Davison | " | Hantsport, N.S | Yarmouth, N.S. | 15 00 |
| 3185 | " 22.. | George Waugh | " | Owen Sound, Ont | St. Catharines,O | 15 00 |
| 3186 | " 22.. | Ephrem Hamel | " | St. Joseph de Sorel, Que. | Sorel, Que | 15 00 |
| 3187 | " 22.. | John Henry Grant | " | Kingston, Ont | Kingston, Ont. | 15 00 |
| 3188 | " 22.. | Joseph E. Miller | " | Cumberland Bay,Queen's Co., N.B. | Yarmouth, N.S. | 15 00 |
| 3189 | " 23.. | Chas. N. Hines | " | Noel, Hants Co., N.S | " | 15 00 |
| 3190 | " 23.. | Alfred E. Williams | " | Westfield, N.B | " | 15 00 |
| 3191 | " 23.. | Wm. D. Livingston | Mate | Big Bras d'Or, C.B., N.S. | Halifax, N.S | 6 00 |
| 3192 | " 27.. | Jos. Cyrille Perron | Master | Valleyfield, Que | Ottawa, Ont | 15 00 |
| 3193 | " 27.. | Henry N. Trueman | Mate | Vancouver, B.C | Vancouver, B.C | 6 00 |
| 3194 | March 1.. | William West | Master | East Langley, B.C | Vancouver, B.C. | 15 00 |
| 3195 | " 1.. | Harry P. J. Golding | Mate | Toronto, Ont | St. Catharines,O | 6 00 |
| 3196 | " 1.. | Geo. Hugh McMaster | Master | Victoria, B.C | Victoria, B.C. | 1 00 |
| 3197 | " 2.. | Jacob Edwin DuKerhar | " | St. John, N.B | St. John, N.B | 15 00 |
| 3198 | " 2.. | Hiram D. Farris | " | " | " | 15 00 |
| 3199 | " 2.. | Hanfred Whelpley | " | " | " | 15 00 |
| 3200 | " 2.. | Herbert U. Butler | Mate | " | " | 6 00 |
| 3201 | " 2.. | Geo. W. Smith | Master | East Apple River, N.S. | " | 15 00 |
| 3202 | " 7.. | Alex. D. L. Livingstone | Mate | Mattawa, Ont | St. Catharines,O | 6 00 |
| 3203 | " 7.. | Roy Burke | Master | Penetanguishene, Ont | " | 15 00 |
| 3204 | " 7.. | Hermenegilde Lemaire | " | St.Th.dePierreville,P.Q. | Quebec, Que | 15 00 |
| 3205 | " 7.. | Archie McLachlan | " | Middlemiss, Ont | St. Catharines,O | 15 00 |
| 3206 | " 7.. | Jas. K. Anderson | " | Port Lorne, N.S | Yarmouth, N.S. | 15 00 |
| 3207 | " 7.. | Magloire Lachance | " | St. Jean, Isle of Orl., P.Q. | Quebec, Que | 15 |
| 3208 | " 14.. | Nils Jonson Sterner | " | Victoria, B.C | Victoria, B.C. | 15 00 |
| 3209 | " 14.. | William Reeves | Mate | Halifax, N.S | Halifax, N.S | 6 00 |
| 3210 | " 14.. | Chas. Rush | Master | Vancouver, B.C | Vancouver, B.C. | 15 00 |
| 3211 | " 14.. | John Edwd. Smith | " | Little Current, Ont | St.Catharines,O. | 7 00 |
| 3212 | " 14.. | Frank Couture | " | Anse à Beaufils, P.Q | " | 15 00 |
| 3213 | " 15.. | Moses Rubblee | " | Bear River, N.S | Yarmouth, N.S. | 15 |
| 3214 | " 19.. | William Shaw | " | Sault Ste-Marie, Ont | St.Catharines,O. | 15 |
| 3215 | " 19.. | Leon Alie | " | N.-D. de Pierreville, P.Q | Quebec, Que | 15 |
| 3216 | " 19.. | Joseph Auguste Allard | Mate | Carleton, P.Q | " | 6 |

r of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|
| 1901. | | | | | $ cts. |
| Mar. 19 | Zenas Richard | Master | Getsons Point, N.S. | Lunenberg, N.S. | ..... |
| " 19 | Forest Lee Orr | " | Prince Edward Island | Victoria, B.C. | 15 00 |
| " 19 | Forest Lee Orr | Mate | " | " | 6 00 |
| " 19 | John Morgan | " | Victoria, B.C. | " | 6 00 |
| " 19 | Robt. John Armstrong | Master | " | " | 15 00 |
| " 19 | Stanley Fraser | Mate | " | " | 6 00 |
| " 19 | Jas. Walker Sangster | Master | " | " | 15 00 |
| " 19 | Harvey Allen Sears | Mate | " | " | 6 00 |
| " 19 | Jas. Edw'd Fairbairn | Master | Dawson, Y.T. | " | 15 00 |
| " 23 | John O'Williams | Mate | Victoria, B.C. | " | 6 00 |
| " 23 | Isaie Duval | " | St. Zotique, P.Q. | Ottawa, Ont. | 6 00 |
| " 23 | James Goddard Roberts | Master | Victoria, B.C. | Victoria, B.C. | 15 00 |
| " 23 | James Cantwell | " | Campbellton, N.B | Campbellt'n, NB | 15 00 |
| " 23 | Wm. Angus MacLean | " | Hardwich Village, N.B. | Chatham, N.B. | 15 00 |
| " 23 | Donat Labonté | Mate | Beauharnois, P.Q. | Ottawa, Ont. | 6 00 |
| " 27 | Harry W. Tower | Master | Sackville, N.B. | Yarmouth, N.S. | 15 00 |
| " 27 | Arthur Toupin | " | Champlain, P.Q. | Quebec, Que. | 15 00 |
| " 27 | Benjamin B. Beard | " | Merritton, Ont. | St. Catharines, O. | 15 00 |
| " 27 | Wm. Alex. Glawson | " | Pleasant Harbour, N.S. | Halifax, N.S. | 15 00 |
| Apr. 2 | Alfred Roderick | Mate | Gananoque, Ont | Kingston, Ont. | 6 00 |
| " 2 | Chas. B. Wilson | " | Picton, Ont. | " | 6 00 |
| " 2 | Murdock MacLean | Master | New Westminster, B.C. | Vancouver, B.C. | 15 00 |
| " 2 | Frank S. Smith | Mate | Owen Sound, Ont. | St. Catharines, O. | 6 00 |
| " 2 | Ephraim Steele | Master | Chatham, N.B. | St. John, N.B. | 15 00 |
| " 2 | John LeBaron MacKinley | " | St. John, N.B. | " | 1 00 |
| " 2 | Talmage C. MacLean | Mate | " | " | 6 00 |
| " 2 | David Campbell | " | Main-a-dieu, C.B. | Sydney, N.S. | 6 00 |
| " 2 | Antonio Monpetit | Master | Montreal, Que. | Kingston, Ont. | 15 00 |
| " 2 | Arthur Berry | " | Providence Bay, Ont. | St. Catharines, O. | 15 00 |
| " 2 | James W. Challoner | " | Sydney C.B., NrS | Sydney, N.S. | 15 00 |
| " 2 | Bernard L. Johnson | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| " 2 | John Collier | " | Newfoundland | Sydney, N.S. | 15 00 |
| April 2 | John A. C. Scagel | Master | Rat Portage, Ont. | Rat Portage, O. | 15 00 |
| " 2 | Andrew E. Hicks | " | Dunbarton, Ont. | St. Catherines, O. | 15 00 |
| " 10 | Daniel May | " | Huntsville, Ont. | " | 15 00 |
| " 10 | Louis Labonté | " | Montreal, Que. | Quebec, Que. | 15 00 |
| " 10 | John Richards | " | Yarmouth, N.S. | Yarmouth, N.S. | 15 00 |
| " 10 | Thomas J. Kickham | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| " 10 | Henri Mallette | Mate | St. Henri, Montreal, Que | Ottawa, Ont. | 6 00 |
| " 10 | David Samuel Betts | Master | Chatham, N.B. | St. John, N.B. | 15 00 |
| " 10 | Geo. Johnston Matthews | " | " | New Castle, N.B | 15 00 |
| " 10 | Thomas McAvoy | " | Port Dalhousie, Ont. | St. Catherines, O. | 15 00 |
| " 10 | Albert P. Lewis | " | Freeport, N.S | Yarmouth, N.S. | 15 00 |
| " 13 | Henry Arthur White | Mate | Victoria, B.C. | Victoria, B.C. | 6 00 |
| " 13 | Wm. Lawrence Butler | " | " | " | 6 00 |
| " 13 | John Larson | " | " | " | 6 00 |
| " 13 | John Webber | Master | " | " | 15 00 |
| " 13 | Geo. Edw. Robertson | " | " | " | 15 00 |
| " 13 | Edw. Scaling | " | " | " | 15 00 |
| " 13 | Isaac N. Kendall | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| " 13 | Thos. Padginton | " | Lakeport, Ont. | St. Catherines, O. | 15 00 |
| " 13 | Joseph Kernaghan | Mate | " | " | 6 00 |
| " 13 | John Hanam | " | Baddeck, N.S. | Sydney, N.S. | 6 00 |
| " 13 | Pierre Cormier | Master | St. Hyacinthe, Que. | Sorel, P.Q. | 15 00 |
| " 13 | John M. Silverthorn | Mate | Owen Sound, Ont. | St. Catherines, O. | 6 00 |
| " 17 | Sylvester Beazley | Master | Dartmouth, N.S. | Halifax, N.S. | 15 00 |
| " 17 | Murdock Young | " | New Westminster, B.C. | N. Westminster. | 15 00 |
| " 17 | Chas. Coghlan | Mate | " | Vancouver, B.C. | 6 00 |
| " 17 | Frank B. Turner | Master | Vancouver, B.C | " | 15 00 |
| " 17 | Ernest Desbiens | Mate | Isle aux Coudres, Que. | Quebec, Que. | 6 00 |
| " 19 | Wm. H. Bradshaw | " | Bracebridge, Ont. | St. Catherines, O. | 6 00 |
| " 19 | Francis B. Burke | Master | Penetanguishene, Ont. | " | 15 00 |
| May 1 | A. G. Galbraith | Mate | Collingwood, Ont. | " | 6 00 |
| " 1 | Walter Power | Master | Wallaceburg, Ont. | " | 15 00 |
| " 1 | Robt. A. Davy | " | Kingston, Ont. | Kingston, Ont. | 15 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fees. |
|---|---|---|---|---|---|---|
| | 1901. | | | | | $ cts. |
| 3282 | May 1.. | Wm. Dulmage | Master | South Bay, Ont | Kingston, Ont | 15 00 |
| 3283 | " 1.. | Alfred Rowlands | Mate | Vancouver, B.C. | Vancouver, B.C. | 6 00 |
| 3284 | " 1.. | Frank Fertile | " | Toronto, Ont | St. Catherines, O. | 6 00 |
| 3285 | " 1.. | Owen F. Brown | " | New Westminster, B.C. | Vancouver, B.C. | 6 00 |
| 3286 | " 1.. | Jas. R. Matthews | Master | Sydney, N.S. | Sydney, N.S. | 15 00 |
| 3287 | " 1.. | Geo. C. Harvey | Mate | New Westminster, B.C. | Vancouver, B.C. | 6 00 |
| 3288 | " 1.. | Peter McKay | " | Owen Sound, Ont | Kingston, Ont | 6 00 |
| 3289 | " 1.. | Jas. W. Smith | Master | Newdy Quoddy, N.S. | Sydney, N.S. | 15 00 |
| 3290 | " 1.. | John Paquette | " | St-Joseph de Levis, Que. | Quebec | 15 00 |
| 3291 | " 1. | Johnny Lavailles | " | Berthier en bas, Qué | " | 15 00 |
| 3292 | " 1.. | Nelson Palmateer | " | Cherry Valley, Ont. | Kingston, Ont. | 15 00 |
| 3293 | " 7.. | Adelard Fortin | " | St-Thomas, Que | Quebec | 15 00 |
| 3294 | " 7.. | Henry Kirk | " | Lakeport, Ont | St. Catherines, O. | 15 00 |
| 3295 | " 7.. | Wm. Futon | Mate | Penetanguishene, Ont. | " | 6 00 |
| 3296 | " 10.. | Walter S. Kennedy | Master | Strathcona Village, Que. | Quebec | 15 00 |
| 3297 | " 10.. | Roderick McLean | " | Sault Ste. Marie, Ont. | St. Catherines, O. | 15 00 |
| 3298 | " 10.. | Joseph Leduc | " | Valleyfield, Que. | Quebec | 15 00 |
| 3299 | " 11.. | John Landrigan | " | Penetanguishene, Ont. | St. Catherines, O. | 15 00 |
| 3300 | " 14.. | Harry D. Morrow | Mate | Bronte, Ont | " | 6 00 |
| 3301 | " 21.. | Wm. Chas. McLaren | " | Chatham, Ont | " | 6 00 |
| 3302 | " 21.. | Chas. A. Moore | Master | Purple Valley, Ont | " | 15 00 |
| 3303 | " 21. | Stephen L. Waggoner | " | Sarnia, Ont | " | 15 00 |
| 3304 | May 21.. | John S. McDonald | Mate | Bronte, Ont | St. Catharines, | 6 00 |
| 3305 | " 21.. | Geo. Burbee Carter | " | St. John, N.B. | Yarmouth, N.S. | 6 00 |
| 3306 | " 21.. | Wm. Henry Noel | Master | Port Essington, B. C. | Victoria, B.C. | 15 00 |
| 3307 | " 21.. | Benjamin Axhome | " | Victoria, B.C. | " " | 15 00 |
| 3308 | " 21.. | Joseph P. Bucey | Mate | Point Simpson, B.C. | " " | 6 00 |
| 3309 | " 21.. | Walter A. Wilkscroft | " | Victoria, B. C | " " | 6 00 |
| 3310 | " 23.. | Richard Jackson | Master | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3311 | " 23. | Jas. Blackadder | " | Cornwall, Ont | Ottawa, Ont | 15 00 |
| 3312 | " 23.. | David Bourgault | Mate | St. Roch des Aulnais, P.Q | Quebec, Que | 6 00 |
| 3313 | " 29.. | Chestley W. McLean | Master | Cumberland Bay, Queens Co., N.B. | Fredericton, N.B | 15 00 |
| 3314 | " 29.. | John Duguay | " | Murray Bay, P.Q. | Quebec, Que | 15 00 |
| 3315 | " 31. | Howard Hoyden | " | Lockeport, N.S. | Yarmouth, N.S | 15 00 |
| 3316 | June 1.. | Samuel Torgues | Mate | Levis, P.Q | Quebec, Que | 6 00 |
| 3317 | " 4.. | Wm. G. Jackson | Master | North Sydney, N.S. | Sydney, N.S. | 15 00 |
| 3318 | " 4.. | Thomas Cryau | " | Orillia, Ont | St. Catharines, O. | 15 00 |
| 3319 | " 4.. | Robt. E. Payor | Mate | Windsor, Ont | " " | 6 00 |
| 3320 | " 4.. | Edwin E. Hall | Master | Port Lorne, N.S | Sydney, C.B., NS | 15 00 |
| 3321 | " 4.. | Anthony Adams | " | Chatham, N.B. | New Castle, N.B | 15 00 |
| 3322 | " 4.. | Wm. Edward Morris | " | Canso, N.S. | Sydney, N.S. | 15 00 |
| 3323 | " 4.. | Richard E. Burke | " | Sydney, N.S | " " | 15 00 |
| 3324 | " 4.. | Joseph Emond | " | St. Laurent, P.Q. | Quebec, Que. | 15 00 |
| 3325 | " 4.. | George J. Hawes | Mate | Victoria, B.C | Victoria, B.C. | 6 00 |
| 3326 | " 4.. | Lauchlin McKinnon | Master | Nelson, B.C | " " | 15 00 |
| 3327 | " 4.. | Chas. J. McDonald | Mate | Victoria, B.C. | " " | 6 00 |
| 3328 | " 4.. | Wm. English | " | " | " " | 6 00 |
| 3329 | " 4.. | John Pynn | Master | " | " " | 15 00 |
| 3330 | " 4.. | Henry R. Dilton | " | " | " " | 15 00 |
| 3331 | " 4.. | Wm. D. Byers | " | " | " " | 15 00 |
| 3332 | " 4.. | Walter H. Wright | Mate | Robson, B.C | " " | 6 00 |
| 3333 | " 4.. | Jas. A. Colwell | Master | Upper Jemseg, N.B | St. John, N.B. | 15 00 |
| 3334 | " 4.. | James G. Gilchrist | Mate | Upper Hamstead, Queens County, N.B. | " " | 6 00 |
| 3335 | " 4.. | R. H. Weston | Master | Upper Gagetown, Queens County, N.B. | " " | 15 00 |
| 3336 | " 11.. | Geo. Thos. Annett | " | Peninsula Gaspé, P.Q. | Quebec | 15 00 |
| 3337 | " 13.. | Paul Dusome | " | Penetanguishene, Ont. | St. Catharines, O. | 15 00 |
| 3338 | " 14.. | Marono Martinolish | " | New Westminster, B.C. | Vancouver, B.C. | 15 00 |
| 3339 | " 14.. | Mathew Hickey | " | Keewatin | Rat Portage, O. | 15 00 |
| 3340 | " 14.. | Wm. A. Pitt | " | Clifton, N.B. | St. John, N.B. | 15 00 |
| 3341 | " 17.. | Peter Taylor | " | New Westminster, B.C. | Vancouver, B.C. | 15 00 |
| 3342 | " 17.. | Hugh E. Wade | " | Grenville, P.Q. | Ottawa, Ont. | 15 00 |
| 3343 | " 24.. | John J. McEachren | " | Chatham, N.B | New Castle, N.B. | 15 00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Oct. 5 | *Annie Pearl* | 8 | Parrsboro, N.S | " | 29·95 | Clarkes Harbour to Cape Sable Island, to Digby, N.S. | Digby Gut, West side, N.S. | Stranded | .... | Trifling loss. | |
| ..... | Antilla. | 10 | St. John, N.B. | Bktn., wood, sail. | 441 | Yarmouth to Buenos Ayres. | On voyage from Yarmouth, N.S., to Buenos Ayres. | Vessel lost parts of her riggings and masts in gales and had some of her deck load caried away. | ... | Partial loss. | |
| 1899. | | | | | | | | | | | |
| Sept. 7 | Bessie Willis | 9 | Halifax, N.S. | Schr., wood, sail. | 98·91 | Lying in Fox River to Quebec. | Fox River, Quebec | Dragged anchors in a gale and went ashore on the breakers. | ... | Total loss, | 2,500 |
| 1900. | | | | | | | | | | | |
| Oct. 16 | Bobs | 6 | Parrsboro, N.S | " | 97 | Parrsboro to Yarmouth | Off Westport Brier Isl. N.S., Bay of Fundy. | In bad weather lost main sail and jib anchor, and chain. | .... | Partial loss, | 400 |
| Nov. 11 | Bjoigvin | 10 | Bergin, Norway. | Schr., steel, steam. | ..... | Montreal, Que., to Chatham, N.B. | Off Shoal Bay, River St. Lawrence. | Collision | .... | Damage not reported. | |
| May 1 | Blanche Alma | 10 | Quebec, Que. | Schr., wood, sail. | 87 | Quebec to Matane, Que | River St. Lawrence | Collision | ... | Damaged. | |
| Dec. 11 | B. C. Borden | 6 | Parrsboro, N.S | " | 385 | Cadiz., Spain to Halifax, N.S. | 6 miles south of Lahave, N.S, Atlantic Ocean. | Vessel encountered very bad weather. | .... | Total loss, | 15,000 |
| ..... | Bowman B. Law | 16 | Yarmouth, N.S. | Barque, iron, sail. | 1,359 | Portland, Oregon to Channel, Queenstown | 50·2 N. 13·14 W. S. | Severe weather and rough sea; vessel sustained serious damage. | ... | Partial loss. | |
| 1901. | | | | | | | | | | | |
| Mar. 14 | Barbara Boscowitz. | 18 | Victoria, B.C. | Schr., wood, steam. | 338 | Victoria, B.C., to Vancouver, B.C. | Portier Pass, B.C. | Vessel stranded | .... | Partial loss, | 1,000 |
| May 6 | Bessie | 15 | " | Sloop, wood, steam. | 11 | Victoria, B.C., to Ladysmith, B.C. | Ladysmith Harbour or Oyster Harbour, B.C. | Cause of casualty not reported, left vessel all right at 9 p.m. | .... | Total loss. | |
| 1900. | | | | | | | | | | | |
| May 26 | Cape Breton | 10 | Montreal, Que | Schr, steel, steam. | 1,109 | Montreal, Que., to Sydney, N.S. | Goose Island | Pilot misjudged his distance from the light and ship went aground. | .... | Trifling. | |
| Mar. 6 | Coringa | ... | Windsor, N.S. | Ship, wood, sail. | 1,289 | Buenos Ayres to Port Natal. | Near Point, India River Plate, Argentina. | Vessel lying at anchor, anchor carried away, ship driven aground in a gale. | .... | Partial loss. | |
| Sept. 13 | Clyde | 16 | Lunenburg, N.S. | Barque, wood, sail. | 237 | Bridgewater, N.S., to Quebec, P.Q. | Margaree, C.B., N.S. | Rough weather | ... | Total loss, | 7,000 |
| Oct. 17 | Clifford C | 18 | St. John, N.B. | Schr., wood, sail. | 97 | St. John, N. B., to Charlottetown. | Mouth of Yarmouth Harbour, N.S. | Vessel damaged in wind and storm and put into Yarmouth Harbour, where she ran on a reef. | ... | Partial loss, | 600 |
| " 9 | Corinto | 5 | Parrsboro, N.S | Schr., wood, sail. | 98 | Parrsboro to Yarmouth | Off Port George, N.S, Bay of Fundy. | Damaged in bad weather, split foresail and jib and lost anchor. | .... | " | 160 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1900. | | Yr's | | | | | | | | | $ |
| Oct. 10 | City of Monticello. | 34 | Liverpool, Eng | Schr., iron and wood, steam. | 566 | Yarmouth, N. S., St. John, N.B., to Yarmouth, N.S. | Four miles west of Yarmouth light, Bay of Fundy. | Vessel was overtaken by a terrific storm. | 36 | Total loss. | |
| ..... | Congo ... .... | .... | Shelburne, N.S. | Schr., wood, sail. | 197 | Boston to Sydney..... | Bridgeport, C.B., N.S. | Stranded in a thick fog.. | .... | Partial loss, | 1,500 |
| Aug. 24 | Cutch..... | 16 | Vancouver, B.C. | Schooner, iron, steam. | 366 | Ketchikan to Skagway. | Horse Shoe Reef, Stephen's Pass., Alaska. | Stranded owing to want of knowledge on the part of the officer in charge as to the distance from land. | .... | Total loss, | 60,000 |
| Sept. 12 | Creta. ... .... | 1 | Dorchester, N.B. | Schr., wood, sail. | 147 | ..... .... .... | At sea..... | Vessel capsized at sea. Picked up 40 m. S. from Scattarie Island and towed into Louisburg. | 6 | Partial loss. | |
| Dec. 9 | Carlotta. . . . . | 18 | St. John, N.B. | Schr., wood, sail. | 210 | Hillsboro, N. B., to Newburg, N.Y. | Dog Bar Breakwater, Gloucester, Mass. | Vessel did not let go anchors in time, so ran on bar. She was making for Gloucester Harbour. | .... | Total loss, Cargo, | 4,000 504 |
| Sept. 7 | Culdoon.. .... | 15 | " | Bktne., wood, sail. | 378 | Pascagoula to Rosario, Arg. Rep. | Five miles south of Carryfoot light, Gulf of Mexico. | Stranded in a hurricane.. | ... | Total loss, | 9,500 |
| Dec. 10 | Corinto ..... | 5 | Parrsboro, N.S | Schr., wood, sail. | 97 | Boston, Mass., to Windsor, N.S. | Ram Island Ledge, Booth Bay, Maine. | Went ashore in a thick vapour and fog. | .... | Partial loss, | 700 |
| " 14 | Cygnet. ..... | 18 | " | Schr., wood, sail. | 77 | Black River St. John, N.B, to St. John, N.B | Off St. John, N.B., Bay of Fundy. | Damaged by fire... .... | .... | " | 140 |
| Nov. 19 | Curlew. ..... | 20 | St. John, N.B. | Bktne., wood, sail. | 307 | St. Johns, Nfld., to Liverpool. | Middle of North Atlantic. | Vessel severely damaged in North Atlantic by rough weather and sea. | .... | " | 1,500 |
| Sept. 3 | Culdoon. . .... | 15 | " | Bktne., wood, sail. | 373 | St. John, N. B., to Rosario. | American coast. ... | Damaged in hurricane off Florida coast. | ... | " | |
| 1901. Feb. 21 | Clifford C ... | 18 | " | Schr., wood, sail. | 97 | St. John, N.B., to City Island. | Dipper Harbour, St. John, Co., N.B., Bay of Fundy. | Vessel broke from anchor and was driven ashore in a snowstorm and sustained damage. | .... | " | 350 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| April 6 | Curlew | 19 | Norwegian | Bktne., wood, sail. | 307 | Liverpool, England, to North Sydney, N.S. | Extreme end of Point Aconi, 1½ miles from Point Aconi St., C.B. | Wreck occurred during thick and heavy weather, and in the night. Sails split and vessel driven on the shoals amongst the floating ice. | .... | Total loss nearly, Cargo, | 5,000 30,000 |
| 1900. | | | | | | | | | | | |
| July 29 | Dove | 8½ | Maitland, N.S. | Sch'r, wood, sail. | 168 | Bear River, N.S. to Cienfuegos, Cuba. | Near N.W. Point, Bird Rock Reef, Bahamas | Run on reef owing to the master steering a wrong course. | .... | Partial loss. | |
| Oct. 31 | Duke of Fife | 13 | Glasgow, G.B. | Sch'r, steel, steam. | 2416 | Tacoma, Wash., to Victoria, B.C., and Kobe. | 50-56 N., 135 W., Nor. Pacific. | Vessel sprang a leak in heavy weather. | .... | Trifling damage. | |
| Dec. 5 | Demozella | 12 | St. John, N.B. | Sch'r, wood, sail. | 163 | New-York to Kingston, Jamaica. | Off Bermuda, Atlantic Ocean. | Struck by a hurricane | .... | Partial loss | 500. |
| 1901. | | | | | | | | | | | |
| Jan. 2 | Danube | 31 | Victoria, B.C. | Sch'r, iron, steam. | 561 | Victoria, B.C. to Juneau. | Taku Inlet, Alaska | Vessel came into contact with ice. | .... | Trifling casualty. | |
| 1898. | | | | | | | | | | | |
| Nov. — | Daniel Simmons | 36 | Digby, N.S. | Sch'r, wood, sail. | 70 | Gloucester, U.S. to Port Gilbert, N.S. | Foundered at sea | Foundered at sea with all hands. | 4 | Total loss. | |
| 1901. | | | | | | | | | | | |
| April 10 | Dora | 15 | Parrsboro', N.S. | Sch'r, wood, sail. | 63 | St. John, N.B. to Parrsbopo', N.S. | Cassett's Point, Digby Harbor, N.S. | Vessel lost anchor | .... | Trifling | 160. |
| 1900. | | | | | | | | | | | |
| May 31 | E. Merriam | 18 | Parrsboro', N.S. | Sch'r, wood, sail. | 331 | Hillsboro', N.B. to New York. | Off Oyster Bay, R.I., Am. Coast. | Was run into by schooner *C. C. Lane.* | .... | Partial loss | 750. |
| July 28 | Elsie | 12 | Lunenburg, N.S. | Sch'r, wood, sail. | 47·07 | Lunenburg, N.S. to Halifax, N.S. | Off Cape Fourchie, C.B. | Vessel capsized in a cyclone. | 4 | Total loss | 1,450. |
| Sept. 7 | Evening Star | 43 | Chatham, N.B. | Sch'r, wood, sail. | 28 | Bathurst to Charlottetown. | 3 miles from Cape Wolfe, P.E.I. | Vessel became waterlogged and stranded. | ... | Total loss | 100 |
| Oct. 11 | Empress | 26 | Chatham, N.B. | Sch'r, wood, sail. | 26 | Murray River to Sydney, C.B. | West Side Port, Hood Harbor, C.B., N.S. | Damaged in a hurricane. | .... | Partial loss | 100. |
| Nov. 6 | Empress of India | 9 | London | Sch'r, steel, steam. | 3003 | Vancouver to Yokohama. | 125-20 West, North Pacific, Canada. | Collided with a barque owing to the barque not showing the necessary light. | .... | Partial loss. | |
| Oct. 16 | Eva Stewart | 19 | Parrsboro', N.S. | Sch'r, wood, sail. | 98 | Yarmouth to Parrsboro' | Off Westport, Briar Island, Bay Fundy. | Lost main sail, jib anchor and chain in bad weather. | .... | Partial loss | 700. |
| Nov. 15 | E. M. G. Hardy | 9 | Sydney, N.S. | Sch'r, wood, sail. | 90 | North Sydney to Halifax. | Entrance to Louisburg Harbor, N.S. | Stranded | .... | Total loss | 2,300. |
| 1901. | | | | | | | | | | | |
| June 24 | Epstar | 25 | American | Sch'r, wood, sail. | 48 | Fishing | Coast of Nova Scotia. | Vessel ran on ledge and damaged hull | .... | Partial loss | 225. |
| 1900. | | | | | | | | | | | |
| July 16 | Florence S | .... | Dawson, Y.T. | | .... | | Lewis River, Alaska | Wrecked | ... | Total loss. | |
| " | " | .... | | | .... | | Lewis River, Y.T. | No particulars obtainable | 3 | " | |
| Aug. 29 | F. B. Lovitt | 8 | Yarmouth, N.S. | Bktn., wood, sail. | 554 | Monte Video to New York. | South Atlantic | Lost sails in gale | .... | Partial loss. | |
| Dec. 10 | Francis M. Loving. | 36 | Parrsboro, N.S | Schr., wood, sail. | 73 | Port Grenville to Port-Aupique, N.S. | At Port Aupique Landing, N.S. | Vessel damaged in a gale | .... | Partial loss<br>Cargo | 500.<br>200. |
| Sept. 13 | Frances | 2 | Chatham, N.B. | Wood, steam | 18 | Port au Port, N.F.L. to Cape St. George. | Cow Rocks, near Cape St. George, N.F.L. | Stranded | .... | Total loss | 3,500. |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1900. | | Y'rs | | | | | | | | | $ |
| Sept. 12 | Gilda M..... | .... | Genoa..... | ..... | .... | ..... | Near Bathurst, N.B... | Stranded near Bathurst, N.B., and became a total loss. No particulars reported. | .... | | |
| " | Greta. ..... | .... | ..... | ..... | . | ..... | ..... | Vessel capsized at sea and all were drowned. | 5 | ..... | |
| July 26 1899. | Hattie McKay.. | 4 | Parrsboro, N.S | Schr., wood, sail. | 74 | Parrsboro, N.S. to St. John, N.B. | Isle Haute, Bay Fundy, N.S. | Lost sails and afterward ran ashore. | .... | Total loss, | 2,500 |
| Dec. .. | Harold Borden.. | .. | Windsor, N.S. | " " .. | 148 | Kingsport, N.S. to Cuba. | ..... | Schr. left Kingsport Dec. 28, 1899, for Havana and has not been heard of since. | 6 | " | 2,500 |
| 1900. | | | | | | | | | | | |
| Aug. 1 | Hillside..... | 3 | Yarmouth, N.S. | Bktn., steel, sail. | 439 | Yarmouth to New York | Riv. Parana, 120 miles below Rosario. | Grounded. ..... | .... | Trifling. | |
| Oct. 10 | Hawbeck ..... | 17 | St. John, N.B. | Schr., wood, sail. | 100 | Boston to St. John.... | Boston Bay, 4 miles from Thatchers Isld., U.S. | Encountered a storm, filled and capsized; wreck towed to Boston and sold for $170. | 1 | Total loss, | 2,000 |
| Sept. .. 1901. | Honolulu..... | 18 | " | Ship, wood, sail. | 1545 | Norfolk, Va. to Manilla | North & South Atlantic | Vessel seriously damaged by heating of coal cargo. | .... | Partial loss. | |
| April 10 | Helen M ..... | 6 | Parrsboro, N.S | Schr., wood, sail. | 62 | St. John, N.B. to Hopewell Cape, N.B. | Three miles from Chignecto Cape, N.S., Bay of Fundy. | Was struck by a squall off Chignecto Cape, losing sails and at the mercy of the wind for 48 hours. Was driven down the bay and was picked up by the str. *Westport* and towed into Westport. | .... | " | 1,500 |
| May 31 1900. | Hattie Muriel.. | 7 | St. John.. ... | " " .. | 85 | St. John, N.B. to New Haven, Conn. | Nantucket Shoals, Mass., U.S. | Stranded on a shoal. | .... | " | 200 |
| Sept. 12 | Igonar ..... | 25 | Norway ..... | Bk., wood, sail | 1,182 | West Hartlepool, G.B. to Grindstone Is., N B | S.W. Grindstone Is., Bay of Fundy, North Atlantic. | Thick fog caused the stranding of the vessel | .... | Total loss. | 12,000 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1899. | | | | | | ...yard Haven. | U.S. | ...judged distance and struck on shoal. | | | |
| Oct. .. | Ida Maud ..... | 18 | Liverpool, N.S | Brigtn., wood, sail. | 172 | Chatam, N.B. to Port Hawkesbury, N. York | Georges Shoals.... ... | Sprung a leak.... .. .. | .... | Total loss. | 3,000 |
| 1900. | | | | | | | | | | | |
| July 1 | Junita ... ..... | 44 | ..... | Brig., wood, sail. | 94 | Finland, B.W.I. to St. John, N.B. | In the harbour of St. John, N.B., at the wharf. | The reason given for the casualty is that the Pilot took vessel to the wharf without instructions. | .... | Partial loss. | 1,500 |
| 1899. | | | | | | | | | | | |
| May .. | Jane M..... | .... | .... ..... | ... ..... .. | ... . | ..... ... | .. ..... ..... | Run down by the Str. *Tiber* and sunk. | .. . | Total loss. | |
| 1900. | | | | | | | | | | | |
| Dec. 10 | James W ..... | 2 | Charlottet'wn, P.E.I. | Schr., wood, sail. | 149 | P. E. Island to Rio Janeiro. | Cape Breton coast, N.S. | Stranded..... | .... | Partial loss. Cargo. | 600 2,000 |
| 1901. | | | | | | | | | | | |
| Feb. 24 | Jessie D..... | 4 | Parrsboro, N.S | " " .. | 86 | Boston, U S. to Parrsboro, N.S. | Cape D'Or, Parrsboro shore, Bay of Fundy. N.S. | Vessel caught in ice and damaged by losing anchor, and other slight damage. | .... | Partial loss. | 150 |
| 1899. | | | | | | | | | | | |
| Sept .. | Lucy J. Warren. | 44 | Canso, N.S.... | " " .. | 55·95 | Canso, N.S., fishing... | Near Port au Port, on west coast of Newfoundland. | Heavy gale..... ... | .... | Total loss. | 2,500 |
| ..... | Lenose . ..... | 17 | Arichat, N.S.. | " " .. | 45 | Glace Bay, C.B, to Buctouche, N.B. | Little Harbour, Pictou County, N.S. | Very thick weather and strong wind. | .... | Partial loss. | 200 |
| 1900. | | | | | | | | | | | |
| Nov. 21 | Lena Pickup.... | 10 | Annapolis, N.S | " " .. | 292 | Halifax, N.S. to Port Greville, N.S. | Martin's Beach, St. John Co., 16 miles E. of Quaco St., Bay of Fundy. | Thick weather, not having seen any land marks for three days. | 1 | Total loss. Cargo. | 6,500 100 |
| Sept. 1 | Louisburg .... . | 19 | Montreal, Que. | Schr., iron, steam. | 1,182 | Sydney, N.S. to Montreal, Que. | Corane Isld, River St. Lawrence, Que. | Stranded, steering gear disconnected. | .... | Partial loss. | |
| June .. | Lena May.... . | 10 | St. Andrews, N.B. | Schr., wood, sail. | 18 | Digby, fishing..... | Bay of Fundy... ..... | No particulars..... | .... | Total loss. | |
| July 19 | Lilybank ..... | 20 | Charlottet'wn, P.E.I. | " " .. | 15 71 | Charlottetown to Souris P.E.I. | St. Peter's Harbour, P.E. Island. | Stranded. ..... .... | .... | Partial loss. | 125 |
| Nov. 8 | Louvime.... | 4 | Parrsboro, N.S | Bktn., wood, sail. | 518 | Natal, Brazil to Barbados and New York. | Lat. 37, Long. 79° 30′, Atlantic Ocean. | Split sails and lost sails in gale. | .... | " | 400 |
| Aug 17 | Mary Pickard .. | 26 | Parrsboro, N.S | Schr., wood, sail. | 89 | Parrsboro to St. John. | 8 miles west of Quaco, N.B., Bay of Fundy. | Struck by a squall, lost mainsail and anchor. | .... | Partial loss, | 100 |
| Nov. 19 | Minnie R. ..... | 9 | Annapolis, N.S | " " | 96 | Joggins, N.S., to St. John, N.B., and Annapolis, N.S. | Quaco Lighthouse Reef Bay of Fundy. | In trying to get out of Quaco Bay, vessel drifted down towards the reef and could not make out against the tide. | .... | Total loss, Cargo, | 1,500 600 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1900. | | Yrs | | | | | | | | | $ |
| Nov. 12 | Mary Eleanor... | 26 | Halifax, N.S.. | Schr., Wood, sail. | 98 | Chatham, N.B., to Charlottetown, P.E.I | 12 miles from Miminegash, P.E.I., Northumberland Strait. | Heavy sea and weather.. | 4 | Total loss, Cargo, | 500 680 |
| Dec. 4 | Merriam..... | 19 | Parrsboro, N.S | " " | 331 | St. John, N.B., to New York. | Salem Harbour, Mass., American coast. | Collided with another vessel. | .. | Partial loss, | 1,000 |
| " 25 | Minnie M ..... | 17 | Halifax, N.S.. | " " | 26·58 | Halifax to Musquodoboit Harbour. | ..... | Stranded on a sand bar.. | .... | Total loss, Cargo, | 500 2,000 |
| 1899. | | | | | | | | | | | |
| Nov. -- | Mary E. Whorf. | 29 | Digby, N.S... | " " | 77 | Fivestone, N.S., and Campobello, N.B., to Parrsboro, N.S. | Fivestone, N.S, Petit Passage, Bay of Fundy. | Could not be avoided. very heavy gale. Vessel ran into anchorage at Petit Passage. | .... | Total loss, | 1,000 |
| 1901. | | | | | | | | | | | |
| Jan. 16 | Monrovia..... | 23 | St. John, N.B. | Ship " | 1,449 | Liverpool to Buenos Ayres, S.A. | 51·29 N.L. 15-30 W.L. | Vessel sustained serious damage owing to very high gales. | ... | Partial loss. | |
| ..... | Moama..... | 9 | " " | Schr. " | 384 | Rio Grand de Norte to New York. | Lat. 36, Long. 69, Atlantic Ocean. | Lost sails in a gale..... | .... | " | 300 |
| April 20 | Mola..... | 9 | " " | " " | 351 | Buenos Ayres to New York. | Near Sandy Hook, N.Y | Driven ashore by a heavy eastern gale. | ... | " | 5,000 |
| 1900. | | | | | | | | | | | |
| Sept 22 | Newfield.. ..... | 29 | Ottawa, Ont.. | Iron, steam... | 509 | On Government service | White Cove, Bay of Fundy, north side Digby Neck, N.S. | Struck on ledge at entrance to White Cove. | .... | Total loss, | 30,000 |
| Oct. 2 | Northenholme .. | 12 | Marport, G.B. | Schr., steel steam. | 1,285 | Manchester to St. John, N.B. | Cape Pine, bearing N.N.E., 4 miles. | Run down and cut a schooner in two, cause attributed to the schooner's poor lights. | .... | Partial loss. | |
| Sept. 20 | Nelson..... | 9 | New Westminster, B.C. | Wood, steam.. | 312·49 | Nelson to Kootenay... | Kootenay Lake..... | Man at wheel went asleep and vessel ran ashore. | .... | " | 500 |
| " 16 | Nellie Blanche.. | 13 | Parrsboro N.S. | Schr., wood, sail. | 89 | St. John, N.B., to Norwich, Conn. | Off Peaked Hill Bars, Cape Cod, Am. coast. | Vessel lost mast in a gale. | .... | " | 150 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | on Edgetts Beach, Apple River. | | | |
| Jan. 15 | Nyanza..... ... | 12 | Charlottetown P.E.I. | " " | 91 | Oporto to St. John, Newfoundland. | About 400 miles from Cape Race, Atlantic Ocean. | Sprung a leak in gale and lost sails. | . . | " | 3,000 |
| Jan. 28 | Nellie I. White.. | 8 | Parrsboro, N.S | " " | 124 | St. John, N.B., to New York. | Off Nantucket Shoals, 4 miles, struck by squall. | Struck by a squall and lost jib and anchor off Nantucket Shoals. | .... | Partial loss, | 108 |
| 1900. | | | | | | | | | | | |
| Sept. — | Oresa..... ..... | 7 | Halifax, N.S.. | Schr., wood, sail. | 13·50 | Port Hood—Fishing .. | East side of Port Hood Harbour, C.B. | Wind caused her to drag her anchor and she stranded. | .... | Partial loss, | 100 |
| Oct. 11 | Ossuna ... .... | 16 | Richibucto, N.B. | Barque, wood, sail. | 778 | Richibucto, N.B., to Liverpool, G.B. | Off Richibucto Harbo'r | Partially wrecked in a gale; vessel was loaded and ready for sea when the storm came up. | .... | " | 1,000 |
| Dec. 10 | Orcas ..... ... | 3 | Parrsboro, NS. | Schr., wood, sail. | 53 | Parrsboro, N.S., to Wolfville, N.S. | Roger's Creek, Minas Basin, N.S. | Lost anchor in gale.... . | .... | " | 100 |
| 1901. | | | | | | | | | | Cargo | 20 |
| Jan. 11 | Pavia..... .... | 2 | Lunenburg, N.S. | " . | ..... | Newfoundland, to Boston, U.S. | North Atlantic..... . | Schr. run into by SS. *Kaiservin Maria Theresa*, crew taken on steamer and landed in New York. | .... | Total loss, | 6,500 |
| Jan. 4 | Prince Victor. . | 24 | Christiana, Norway. | Barque, wood, sail. | 1,015 | Honolulu to British Columbia. | Straits of Juan de Fuca, B.C. | Misjudged distance from light and stranded. | .... | Trifling loss. | |
| April 16 | Princess Louise. | .... | Victoria, B.C. | Schr., wood, steam. | .. .. | New Westminster to Victoria. | Enterprise Channel, B.C. | Vessel struck coming through this narrow channel in a gale. | .... | Trifling accident. | |
| May 11 | Princess Louise. | .... | Victoria, B.C. | Schr., wood, sail. | 544 | Vancouver to Port Simpson. | Gulf of Georgia.. ..... | Vessel stranded in a thick fog; jettisoned part of cargo. Damage to vessel not serious. | .... | Trifling loss. | |
| 1900. | | | | | | | | | | | |
| Aug. 1 | Robt. S. Besnard | 18 | Parrsboro, NS. | Bktn.. wood, sail. | 1,199 | St. John, N.B., to Manchester, Eng. | Thirty-five miles west of Brier Island, Bay of Fundy. | In collision with Schr *B. B. Hardwick.* | .... | Partial, | 1,000 |
| ... .... | Robinetta ... .. | 12 | Halifax, N.S.. | Schr., wood, sail. | 14·44 | Canso, N.S.—Fishing . | Bald Rock, near Canso. | Ran on rock..... | .... | Total loss, | 350 |
| Oct. 16 | Rowena ..... | 4 | St. John, N.B. | " . | 96 | Westerly, R.I., to St. John, N.B. | Two miles off St. John Harbour. | Capsized by a squall off St. John Harb., Oct. 16, drowning 3 men. | 3 | Partial loss, | 3,200 |
| | | | | | | | | | | Will be rep'r'd | |
| | | | | | | | | | | cargo, | 1,500 |
| April — | Reindeer ..... | 2 | Victoria, B.C. | Steamer..... | 224·30 | ..... | Winter quarters, Five Fingers Rapids, Yukon River. | Destroyed by fire; cause of fire unknown, certf. of registry destroyed. | .... | Total loss. | |

STATEMENT of Wrecks and Casualties reported as having occurred to British Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1900. | | Y'rs | | | | | | | | $ |
| Dec. 28 | Ramona ..... | 10 | Charlottetown P.E.I. | Bktn., wood, sail. | 399 | Cardiff to Para..... | At sea ..... | Vessel sustained serious loss of boats, rigging and sails. | .... | Partial loss. |
| 1901. | | | | | | | | | | |
| Jan. 15 | Rita ..... | 13 | " | " | 358 | Cardiff to Para, Brazil. | At sea, 140 miles N.E. of Maderia. | Vessel sprung leak in bad weather and became unmanageable, was abandoned and fired. Crew taken on board Norwegian barque *Nordhopping.* | .... | Total loss. |
| Mar. 6 | Rambler..... | 4 ms | Lunenburg, N.S. | Schr., wood, sail. | 98·31 | Burin, Nfld., to Lunenburg, N.S. | St. Esprit Island, very near the light—Lat. 45-36 N., Long. 60-29 W., North Atlantic. | Stranded on a rock, course steered should have taken vessel forty-three miles off the land, compass supposed to be out of order although quite a new spirit. Weather was thick all the way across; saw no land or light after leaving Nfld. | .... | Total loss, 6,500<br>Cargo, 2,000 |
| April 17 | Ramona ..... | 5 | New Westminster, B.C. | Wood, steam . | 208·76 | Langley, Pac. Coast, to Chilliwack, Pac. C'st | Main Channel of Fraser Riv. at Head McMillan Island, B.C. | Explosion of boiler, no particulars. | 3 | Partial loss, 260 |
| 1899. | | | | | | | | | | |
| Sep. — | S. G. Irwin. ... | 32 | Arichat..... | Schr., wood, sail. | 71 | Yarmouth, N.S., to Louisburg, N.S. | Atlantic Ocean ..... | Filled and sank ..... | .... | Total loss, 700 |
| 1900. | | | | | | | | | | |
| ..... | St. Olaf .... ... | 19 | Quebec..... | Schr., iron, steam. | 72 | ..... ..... ..... | River St. Lawrence... | No look out on ship, and no lights burning. | .... | Slight damage. |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Nov. 21 | St. Olaf ..... | 18 | " ..... | Schr., wood, steam. | 74 | Sheldrake to Quebec .. | South-east side of Great Boule, one of Seven Is. Co., Saguenay, Que. | Big snow storm at the time. | 27 | Total loss. | |
| Oct. 11 1901. | St. Maurice .... | 4 | Parrsboro, N.S | Schr., wood, sail. | 272 | New York to Cayenne, French Guiana. | Off Bermuda, Atlantic Ocean. | Struck by a hurricane.... | .... | Partial loss, | 1,040 |
| Mar. 27 | Stadacona ..... | 16 | " .. | Barque, wood, sail. | 1011 | At Rosario, South America. | Rosario, South America. | Vessel caught fire at the wharf. | .... | Total loss, | 1,000 |
| Jan. — | Sayoe ..... | 10 | St. John, N.B. | Barque, wood, sail. | 684 | Trinidad to New York | Lat. 35-20 N., Long. 73-14 W., North Atlantic. | Head of foremast sprung, caused vessel to rock heavily. | ... | Partial loss. | |
| April — 1899. | Sidonian ..... | 11 | Charlottetown P.E.I | Wood, sail. | 389 | Belize to Plymouth ... | At sea..... .. | Stress of weather which carried away sails, &c. | .... | " | |
| May — 1900. | Tiber ..... . | ... | ... ..... | ..... . | . .. | ..... ..... | ..... ..... .. . | In collision with steamer *Jane M.* | .... | ..... ... | |
| Sept. 12 | Turret Chief.... | .... | Newcastle, G.B. | Schr., screw, steam. | 1196 | Montreal, Que., to Sydney, N.S. | Gulf of St Lawrence, 7 miles N.N.E. of Cape Chat. | Lost propeller and broke anchor. | ... | Partial loss. | |
| Oct. 13 | Temperance Bell | 20 | St. John, N.B. | Schr., wood, sail. | 76 | Portland, Me., to Bath, Me. | Stage Island, mouth of the Kennebec river, Me., Atlantic Ocean. | Missed stays while beating in for the river and went aground. | .... | " | 750 |
| Dec. — 1901. | Treasurer ..... | 16 | Parrsboro, N.S | Ship, wood, sail. | 1329 | Parrsboro to Fleetwood, Eng. | At sea..... . ..... . | Vessel sustained trifling damage by shifting cargo. | .. | Trifling damage. | |
| Jan. 24 1899. | Temperance Bell | 30 | St. John, N.B. | Schr., wood, sail. | 76 | Landing at Black river breakwater, St. John, Co., N.B. | Black river breakwater, St. John Co., N.B. | Pounded, breaking heel shoe and otherwise damaged. | .... | Partial loss, | 300 |
| Nov. — 1900. | Vivian ..... | . .. | Victoria, B.C. | .... ..... | . ... | ..... ..... .. | Near Dawson, Y.T.... | No particulars obtainable. | .... | Total loss. | |
| Nov. 27 | Victor..... | 19 | St. John, N.B. | Schr., wood, sail. | 109 | St. John to New York | Bear Cape, off Portland, Me. | Vessel sprung a leak in heavy weather. | .... | Partial loss, | 1,000 |
| " 29 1901. | Vere B. Roberts | 3 | Parrsboro, N.S | " " | 124 | Pascagonla to Vera Cruz. | Mexican Coast..... | Sprung a leak, lost sails and sustained other damages. | .... | " | 1,600 |
| Feb. 3 | Venturer ..... | 5 | Weymouth, N.S. | Brig, wood, sail. | 194 | San Andreas, Rep. of Columbia to New York. | Lat. 39° N., Long. 73° 30′ W., North Atlantic. | Vessel lost sails in gale.. | .... | " | 130 |
| Mar. 11 | " ..... | 14 | Liverpool, N.S | " " | 318 | Rio Grande de Sul., to New York. | Long Beach, Long Island, N.Y. | Vessel lost starboard anchor. | .. . | " | 6,000 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Concluded.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place Where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1900. | | Yrs | | | | | | | | $ |
| Aug. 9 | Winnie..... ... | 11 | Hartlepool, G.B. | Schr., steel, steam. | 1200 | Pugwash, N.S., to Ellesmere Port, Eng. | Pugwash Hbr., N.S... | Stranded, fault of pilot.. | .... | Partial loss. |
| " 9 | W. K. Merwin.. | .... | Dawson, Y.T. | ..... | ..... | ..... | Coast of Alaska, near St. Michaels. | Wrecked ..... .. | .... | Total loss. |
| " .. | Winnie ..... | .. | West Hartlepool. | Steamer .... | 1200 | Queenstown to Manchester, G.B. | Vessel got on rocks in Pugwash Hbr., N.S. | Steamer ran on rocks owing to lack of steam. | ... | Partial loss. |
| Oct. 18 | Wellman Hall.. | 8 | Parrsboro, N.S. | Schr., wood, sail. | 136 | Advocate Hbr. N.S., to New York. | Nantucket shoals, American coast. | Collided with another schooner, the *Sawin.* | .. | Partial loss, 500. |
| 1899. | | | | | | | | | | |
| Oct. 18 | Willie Irving... | .... | Victoria, B.C. | ..... | ..... | ..... ..... | ..... ..... . | Vessel crushed in ice.... | ... | Total loss. |
| Sept. 4 | Willie.... ... | 28 | Quebec.. .... | Schr., wood, sail. | 36 | Quebec. ..... | Grand Mechins..... . | Vessel swept ashore in a gale. | .... | " |
| ..... | W. K. Smith.... | 9 | Digby, N.S... | " " | 98 | Portland, Me., to Yarmouth, N.S. | North Atlantic Ocean. | Vessel became unseaworthy during heavy gale by loss of masts and sails, crew taken off by steamer. | ... | " |
| 1901. | | | | | | | | | | |
| Mar. 16 | Willamette.... . | 20 | American. ... | Schr., iron, steam. | 1695 | San Francisco to Oyster Harbour. | Bayne's Sound, Union Bay, B.C. | Error of master in leaving Union wharf in dense fog. | .... | " |
| April 7 | Wendell Burpee. | 12 | St. John, N.B. | Schr., wood, sail. | 99 | New York to St. John, N.B. | Broad Cove, Cape Elizabeth, about a mile from two lights. | Vessel became unmanageable in gale and struck. Boat capsized and the Captain and two men were drowned. | 3 | Total loss, 2,500. |
| May 7 | White Swan.... | 12 | Parrsboro, N.S. | " " | 78 | West Bay, N.S., to Parrsboro, N.S. | Mouth of Parrsboro Riv., N.S. | Lost foremast and mainsail in squall. | .... | Partial loss, 150. |
| April 26 | Willie D..... | 13 | " ... | " " | 65 | Cheverie, Parrsboro, to Bowdingham, Me. | Off Refuge Cove, Bay of Fundy. | Vessel sprung a leak and foundered. | .. | Total loss, 1,500. |

# APPENDIX No. 48.

## EPORT OF THE MONTREAL HARBOUR COMMISSIONERS FOR THE YEAR ENDED DECEMBER 31, 1901.

*(This report not complete : have received as yet only portion relating to Harbour Master's Office.)*

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## EPORT OF THE HARBOUR MASTER OF THE PORT OF MONTREAL, FOR THE YEAR 1901.

HARBOUR MASTR'S OFFICE,
MONTREAL, March 1, 1902.

AVID SEATH, Esq.,
Secretary Harbour Commissioners,
Montreal.

SIR,—I beg to submit for the information of the Harbour Commissioners of Montal, the following as my annual report for the year ended 31st December, 1901. ppended thereto will be found six comparative statements showing respectively for the st ten years :

1. The number, tonnage and classification of sea-going vessels that arrived in port ;
2. Those that arrived from the Maritime provinces ;
3. Number and tonnage of inland vessels ;
4. The dates of the opening and closing of navigation, &c. ;
5. The number and tonnage belonging to the different nationalities ;
6. The number and tonnage of vessels consigned to the different agents.

From these statements it will be seen that 742 sea-going vessels arrived in port ring the past season with a tonnage of 1,453,048 tons, an increase of 16 vessels and 162 tons over the previous year.

## PORT OF MONTREAL.

NUMBER and Tonnage of Sea-going Vessels consigned to the following Merchants during the Season of 1901.

| No. | Name of Firms. | Steam. | Tonnage. | Sail. | Tonnage. | Total Vessels. | Total Tonnage. |
|---|---|---|---|---|---|---|---|
| 1 | Kingman & Co. | 207 | 367,151 | ... | ... | 207 | 367,151 |
| 2 | H. & A. Allan | 76 | 248,870 | ... | ... | 76 | 248,870 |
| 3 | The R. Reford Co., Ltd | 110 | 237,103 | ... | ... | 110 | 237,103 |
| 4 | Elder, Dempster & Co. | 77 | 209,960 | ... | ... | 77 | 209,960 |
| 5 | Furness, Withy & Co., Ltd | 50 | 132,364 | ... | ... | 50 | 132,364 |
| 6 | McLean, Kennedy & Co. | 49 | 96,493 | ... | ... | 49 | 96,493 |
| 7 | F. Leyland & Co., Ltd | 16 | 42,619 | ... | ... | 16 | 42,619 |
| 8 | Masters | 32 | 15,557 | 12 | 8,663 | 44 | 24,220 |
| 9 | J. G. Brock & Co. | 16 | 18,464 | 5 | 330 | 21 | 18,794 |
| 10 | Hy. Dobell & Co. | 24 | 18,270 | ... | ... | 24 | 18,270 |
| 11 | Franco-Canadian SS. Co. | 7 | 16,261 | ... | ... | 7 | 16,261 |
| 12 | Intercolonial Coal Co., Ltd | 15 | 13,005 | ... | ... | 15 | 13,005 |
| 13 | Wm. Petersen & Co. | 5 | 5,113 | 2 | 1,322 | 7 | 6,435 |
| 14 | Imperial Government | 2 | 5,535 | ... | ... | 2 | 5,535 |
| 15 | Anderson, McKenzie & Co. | 2 | 2,403 | 6 | 2,744 | 8 | 5,147 |
| 16 | John Hope & Co. | 2 | 4,741 | ... | ... | 2 | 4,741 |
| 17 | Henderson & Taylor | 14 | 3,962 | ... | ... | 14 | 3,962 |
| 18 | Three others | 3 | 210 | 10 | 1,908 | 13 | 2,118 |
| | Total | 707 | 1,438,081 | 35 | 14,967 | 742 | 1,453,048 |

J. McSHANE,
*Harbour Master.*

Of these vessels 696 were built of iron and steel with a tonnage of 1,440,654 tons and 46 were built of wood with a tonnage of 12,394 tons.

Of inland vessels there arrived 8,450, with a tonnage of 1,683,186 tons, an increase of 103 vessels, and 13,692 tons, making a grand total of vessels of all classes of 9,192 vessels, and a tonnage of 3,136,234 tons, an increase of 119 vessels of all classes, and 72,854 tons, over the previous year.

Some of the principal items of exports and imports (as obtained from the best sources of information) were :

### EXPORTS.

LUMBER.—To the United Kingdom and continental ports.

| 1900. | 1901. |
|---|---|
| 239,222,380 feet. | 222,424,850 feet, a decrease of 16,797,530 feet. |

LUMBER.—To the River Plate.

| 1900. | 1901. |
|---|---|
| 463,765 feet. | 863,067 feet, an increase of 399,302 feet. |

| | 1900. | | 1900. | |
|---|---|---|---|---|
| GRAIN,—Wheat, | 10,596,361 | bushels. | 13,594,686 | bushels. |
| Corn, | 11,180,235 | " | 4,059,790 | " |
| Peas, | 1,663,697 | " | 719,520 | " |
| Oats, | 5,026,404 | " | 2,453,949 | " |
| Barley, | 1,023,655 | " | 636,752 | " |
| Rye, | 510,155 | " | 769,298 | " |
| Flaxseed, | 126,892 | " | 669,634 | " |
| Buckwheat, | 306,171 | " | 89,453 | " |
| Total, | 30,432,570 | " | 22,993,082 | " |

Showing a decrease of 7,439,488 bushels.

| | 1900. | | 1901. | | | | |
|---|---|---|---|---|---|---|---|
| Flour | 1,260,441 | barrels. | 524,494 | barrels | decrease | 735,947 | barrels |
| Meal | 53,611 | " | 34,982 | " | " | 18,629 | " |
| Eggs | 251,113 | cases. | 200,215 | cases | " | 50,898 | cases. |
| Cheese | 2,335,601 | boxes. | 1,783,031 | boxes | " | 552,570 | boxes. |
| Butter | 261,768 | p'kgs. | 406,862 | p'kgs | increase | 145,094 | p'kgs. |
| Apples | 268,068 | barrels. | 121,528 | barrels | decrease | 146,540 | barrels |
| Cattle | 92,180 | head. | 73,791 | head | " | 18,389 | head. |
| Sheep | 34,838 | " | 54,538 | " | increase | 19,700 | " |
| Horses | 6,584 | " | 7,386 | " | " | 802 | " |
| Hay | 14,519 | tons. | 14,600 | " | " | 81 | tons. |

IMPORTS.

| | 1900. | | 1901. | | | | |
|---|---|---|---|---|---|---|---|
| Coal from Great Britain | 11,233 | tons, | 83,849 | tons | increase | 72,615 | tons. |
| " United States | 312,035 | " | 341,163 | " | " | 29,128 | " |
| " Maritime Prov. | 743,528 | " | 911,008 | " | " | 167,480 | " |
| Total | 1,066,796 | | 1,336,020 | | " | 269,224 | |

Of the above quantities there were discharged :

| | 1900. | 1901. | | |
|---|---|---|---|---|
| In the Harbour | 975,783 tons. | 1,245,795 tons. | | |
| In the Canal | 91,013 " | 90,225 " | | |
| Cement | 281,337 brls. | 261,416 brls. | Decrease | 19,921 brls |
| Scrap Iron | 5,556 tons. | 20,367 tons. | Increase | 13,811 tons |

NOTES.

There arrived in the harbour on September 18th, H.M.S. *Tribune* and H.M.S. *Psyche* of the British North Atlantic Squadron, which remained until 24th September.

There has been an increase in the number and tonnage of the vessels arriving in the harbour during the past season.

Owing to the large harbour improvements being carried out, some of the lines had to give up part of the space assigned to them last spring, but provision was made for them elsewhere, and on the whole I think very little inconvenience was felt.

The whole respectfully submitted.

J. McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number, Tonnage and Classification of Sea-going Vessels that arrived in Port in the past ten years, with the dates of the greatest number in Port at one time.

| Years. | Steamships. | Tonnage. | Ships. | Tonnage. | Barques. | Tonnage. | Brigs. | Tonnage. | Brigantines. | Tonnage. | Schooners. | Tonnage. | Total Number of Vessels. | Total Tonnage. | Number in Port. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1892 | 658 | 1,004,396 | 8 | 11,705 | 21 | 15,405 | 1 | 149 | 4 | 809 | 43 | 4,243 | 735 | 1,036,707 | 39, | July 12 |
| 1893 | 737 | 1,128,658 | 3 | 4,014 | 11 | 8,893 | | | 5 | 1,856 | 48 | 8,356 | 804 | 1,151,777 | 42, | " 19 |
| 1894 | 684 | 1,079,313 | 3 | 4,324 | 14 | 9,609 | | | 5 | 901 | 28 | 2,762 | 734 | 1,096,909 | 32, | May 23 |
| 1895 | 592 | 1,055,611 | 1 | 1,545 | 9 | 7,714 | | | 7 | 1,689 | 31 | 2,827 | 640 | 1,069,386 | 25, | June 18 |
| 1896 | 669 | 1,200,543 | 5 | 7,350 | 6 | 4,003 | | | 9 | 2,052 | 20 | 2,520 | 709 | 1,216,468 | 37, | July 29 |
| 1897 | 752 | 1,368,395 | | | 8 | 3,958 | | | 7 | 1,745 | 29 | 4,904 | 796 | 1,379,002 | 40, | " 28 |
| 1898 | 830 | 1,567,436 | 2 | 3,026 | 12 | 10,031 | | | 5 | 1,478 | 19 | 2,104 | 868 | 1,584,072 | 42, | Aug. 1 |
| 1899 | 773 | 1,509,668 | | | 7 | 3,530 | | | 3 | 1,048 | 18 | 3,365 | 801 | 1,517,611 | 39, | July 29 |
| 1900 | 692 | 1,382,675 | | | 2 | 891 | | | 4 | 875 | 28 | 9,415 | 726 | 1,393,886 | 27, | June 28 |
| 1901 | 707 | 1,438,081 | | | 4 | 2,240 | | | | | 31 | 12,727 | 742 | 1,453,048 | 25, | July 8 |

J. McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number, Tonnage and Classification of Sea-going Vessels that arrived in Port from the Maritime Provinces the past ten years.

| Years. | Steamships. | Tonnage. | Ships. | Tonnage. | Barques. | Tonnage. | Brigs. | Tonnage. | Brigantines. | Tonnage. | Schooners. | Tonnage. | Total Number of Vessels. | Tot Tonn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1892 | 289 | 275,040 | | | 3 | 2,215 | 1 | 149 | 2 | 340 | 36 | 2,214 | 331 | 280, |
| 1893 | 333 | 324,188 | | | | | 1 | 169 | | | 34 | 2,577 | 368 | 326, |
| 1894 | 349 | 362,945 | | | 3 | 2,323 | | | 4 | 609 | 23 | 2,230 | 379 | 362, |
| 1895 | 256 | 296,256 | | | | | | | 5 | 1,070 | 30 | 2,734 | 291 | 300, |
| 1896 | 252 | 292,880 | | | 1 | 178 | | | 4 | 734 | 15 | 1,188 | 272 | 294, |
| 1897 | 298 | 364,936 | | | | | | | 2 | 376 | 31 | 1,051 | 311 | 366, |
| 1898 | 327 | 372,274 | | | | | | | | | 14 | 1,397 | 341 | 373, |
| 1899 | 336 | 415,825 | | | | | | | | | 7 | 646 | 343 | 416, |
| 1900 | 279 | 352,002 | | | | | | | 1 | 169 | 15 | 2,564 | 295 | 354, |
| 1901 | 282 | 434,140 | | | 1 | 999 | | | | | 10 | 991 | 293 | 436, |

J. McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number and Tonnage of Inland Vessels that arrived in Port the past ten years, with the greatest number in Port at one time.

| Years. | Number of Vessels. | Tonnage. | Greatest Number in port at one time. |
|---|---|---|---|
| 1892 | 5,200 | 1,049,600 | 159, Aug. 6 |
| 1893 | 5,244 | 1,153,600 | 158, July 25 |
| 1894 | 4,666 | 979,809 | 172, May 20 |
| 1895 | 4,498 | 943,717 | 165, July 20 |
| 1896 | 4,832 | 1,004,117 | 160, June 11 |
| 1897 | 6,384 | 1,134,346 | 200, July 30 |
| 1898 | 6,941 | 1,807,892 | 216, Aug. 12 |
| 1899 | 8,877 | 1,899,097 | 219, July 28 |
| 1900 | 8,347 | 1,669,494 | 167, June 20 |
| 1901 | 8,450 | 1,683,186 | 175, June 28 |

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the dates of the Opening and Closing of Navigation, first Arrival from Sea and last Departure for Sea, the last ten years.

| Years. | Opening of Navigation. | Closing of Navigation. | First Arrival from Sea. | Last Departure for Sea. |
|---|---|---|---|---|
| 1892 | April 13 | Dec. 23 | April 23 | Nov. 27 |
| 1893 | " 24 | " 4 | May 3 | " 23 |
| 1894 | " 12 | " 26 | April 27 | " 24 |
| 1895 | " 20 | " 6 | " 27 | " 25 |
| 1896 | " 22 | " 19 | " 28 | " 23 |
| 1897 | " 17 | " 19 | " 30 | " 24 |
| 1898 | Mar. 31 | " 12 | " 26 | " 28 |
| 1899 | April 24 | " 30 | " 27 | " 29 |
| 1900 | " 21 | " 10 | " 26 | Dec. 3 |
| 1901 | " 21 | " 10 | " 25 | Nov. 25 |

J. McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

STATEMENT showing the Nationality and Tonnage of Sea-going Vessels that arrived in Port during the Season of 1901, that were navigated by 28,459 seamen.

| Nationality. | Number of Vessels. | Tonnage. |
|---|---|---|
| British | 529 | 1,129,982 |
| Norwegian | 137 | 244,365 |
| American | 62 | 49,896 |
| German | 11 | 23,624 |
| Swedish | 2 | 3,816 |
| Dutch | 1 | 1,365 |

J. McSHANE,
Harbour Master.

WEATHER REPORT FOR 1901.

| Date. | | Wind (at 8 to 9 a.m.) | Temperature (at 8 to 9 a.m.) | Remarks. |
|---|---|---|---|---|
| Jan. | 1.. | North-west | Zero | Fine day. |
| " | 2.. | North-east | 20 above | " |
| " | 3.. | North-west | 8 below | " |
| " | 4.. | North-east | 22 above | Dull day. |
| " | 5.. | North-west | 5 below | Fine day. |
| " | 6.. | West | 27 above | " |
| " | 7.. | " | 30 " | Snowing. |
| " | 8.. | South-west | 15 " | Fine day. |
| " | 9.. | North-east | 32 " | " |
| " | 10.. | West | 10 " | Snowing. |
| " | 11.. | North-east | 12 " | Fine day. |
| " | 12.. | South-west | 26 " | Snowing. |
| " | 13.. | West | 20 " | Fine day. |
| " | 14 . | North-east | 18 " | " |
| " | 15.. | " | 23 " | Snowing. |
| " | 16.. | South | 38 " | Raining. |
| " | 17.. | East | 34 " | Dull day. |
| " | 18.. | North-west | Zero | Fine day. |
| " | 19.. | West | 14 below | " |
| " | 20.. | " | Zero | " |
| " | 21.. | South | 40 above | Dull day. |
| " | 22. | East | 5 below | Fine day. |
| " | 23.. | West | 10 above | " |
| " | 24.. | North-east | 20 " | Dull day. |
| " | 25.. | " | 28 " | Fine day. |
| " | 26.. | East | 18 " | " |
| " | 27.. | West | 20 " | " |
| " | 28.. | East | 26 " | Snowing. |
| " | 29.. | " | 8 " | Fine day. |
| " | 30.. | North-west | Zero | " |
| " | 31.. | East | 10 above | Snowing. |
| Feb. | 1.. | West | 8 " | Fine day. |
| " | 2.. | East | 12 " | " |
| " | 3.. | West | 14 " | " |
| " | 4.. | East | 14 " | Snowing. |
| " | 5.. | North-east | 22 " | " |
| " | 6.. | " | 12 " | Fine day. |
| " | 7.. | East | 2 " | " |
| " | 8.. | North | 4 " | " |
| " | 9.. | West | Zero | " |
| " | 10.. | North-west | 10 above | " |
| " | 11.. | North | 16 " | " |
| " | 12.. | South-east | 20 " | Dull day. |
| " | 13.. | North | Zero | Snowing. |
| " | 14.. | " | 4 above | Fine day. |
| " | 15 . | East | 10 " | Snowing. |
| " | 16.. | North-east | 24 " | Dull day. |
| " | 17.. | West | 31 " | Fine day. |
| " | 18.. | East | 30 " | Dull day. |
| " | 19.. | North | 32 " | " |
| " | 20.. | " | 20 " | Snowing. |
| " | 21.. | West | 14 " | Fine day. |
| " | 22.. | South-west | 18 " | " |
| " | 23.. | West | 16 " | " |
| " | 24.. | East | 28 " | " |
| " | 25.. | South-east | 26 " | Dull day. |
| " | 26.. | West | 26 " | Snowing. |
| " | 27.. | " | 14 " | Fine day. |
| " | 28.. | " | 11 " | " |
| Mar. | 1.. | North-east | 28 " | " |
| " | 2.. | East | 18 " | " |
| " | 3.. | " | 30 " | " |
| " | 4.. | West | 34 " | " |
| " | 5.. | North-east | 28 " | Dull day. |

WEATHER REPORT FOR 1901—*Continued.*

| d (at 8 to 9 a.m.) | Temperature (at 8 to 9 a.m.) | Remarks. |
|---|---|---|
| | 12 above | Fine day. |
| | 20 " | " |
| | 24 " | Dull day. |
| | 30 " | Snowing. |
| | 10 " | Fine day. |
| | 32 " | Sleet and rain. |
| | 32 " | Dull day. |
| | 32 " | Fine day. |
| east | 24 " | Snowing. |
| | 27 " | Fine day. |
| | 26 " | " |
| | 30 " | Snowing. |
| | 39 " | Dull day. |
| | 9 " | Fine day. |
| | 20 " | " |
| | 40 " | Dull day. |
| | 34 " | Fine day. |
| | 36 " | " |
| west | 40 " | " |
| | 34 " | " |
| east | 42 " | Dull day. |
| | 40 " | " |
| | 30 " | Snowing. |
| | 22 " | " |
| | 28 " | Fine day. |
| | 34 " | Snowing. |
| | 44 " | Dull day. |
| | 47 " | Fine day. |
| | 40 " | Rainy day. |
| | 42 " | Fine day. Last day's crossing with teams opposite Hochelaga. |
| | 40 " | Snowing. |
| | 40 " | Dull day. |
| | 34 " | Rainy day. |
| | 38 " | " |
| west | 45 " | " |
| | 40 " | Fine day. |
| | 37 " | " |
| | 42 " | " |
| | 40 " | " |
| | 45 " | " |
| west | 47 " | " |
| | 43 " | " |
| | 50 " | " |
| | 53 " | " |
| | 46 " | Rainy day. |
| | 38 " | Dull day. |
| | 50 " | Fine day. (Opening of Navigation.) |
| | 51 " | " |
| | 50 " | " |
| | 47 " | Dull day. |
| | 52 " | Fine day. |
| | 48 " | " |
| | 48 " | " |
| | 73 " | " |
| | 56 " | " |
| | 45 " | Rainy day. |
| | 52 " | Fine day. |
| east | 54 " | Dull day. |
| | 48 " | Fine day. |
| east | 51 " | " |
| | 56 " | " |
| | 53 " | " |
| | 66 " | " |
| west | 60 " | " |
| | 64 " | " |
| | 68 " | " |
| east | 62 " | Dull day. |
| | 60 " | Fine day. |
| west | 58 " | " |
| east | 52 " | " |

WEATHER REPORT FOR 1901—*Continued.*

| Date. | Wind (at 8 to 9 a.m.) | Temperature (at 8 to 9 a.m.) | Remarks. |
|---|---|---|---|
| May 15.. | West | 58 above | Fine day. |
| " 16.. | North-west | 60 " | " |
| " 17.. | West | 58 " | Dull day. |
| " 18.. | East | 55 " | Rainy day. |
| " 19.. | " | 54 " | " |
| " 20.. | South-east | 56 " | Dull day. |
| " 21.. | North-east | 62 " | " |
| " 22.. | West | 68 " | Fine day. |
| " 23.. | North-east | 72 " | " |
| " 24.. | West | 51 " | Rainy day. |
| " 25.. | " | 55 " | Fine day. |
| " 26.. | South-west | 64 " | " |
| " 27.. | West | 60 " | Dull day. |
| " 28.. | East | 58 " | Fine day. |
| " 29.. | " | 59 " | Rainy day. |
| " 30.. | South-west | 58 " | Fine day. |
| " 31.. | West | 58 " | Rainy day. |
| June 1.. | South-west | 67 " | Fine day. |
| " 2.. | North-east | 53 " | " |
| " 3.. | West | 56 " | Rainy day. |
| " 4. | " | 68 " | Fine day. |
| " 5.. | North-west | 70 " | " |
| " 6.. | West | 78 " | " |
| " 7.. | North-west | 68 " | Rainy day. |
| " 8.. | North-east | 62 " | Fine day. |
| " 9.. | West | 58 " | Rainy day. |
| " 10.. | North-east | 66 " | Fine day. |
| " 11.. | West | 71 " | " |
| " 12.. | " | 67 " | " |
| " 13.. | East | 68 " | " |
| " 14.. | West | 82 " | " |
| " 15.. | South-east | 62 " | " |
| " 16.. | West | 67 " | " |
| " 17.. | East | 65 " | " |
| " 18.. | North-east | 62 " | Dull day. |
| " 19.. | West | 69 " | " |
| " 20.. | " | 74 " | Fine day. |
| " 21.. | North-west | 72 " | " |
| " 22.. | East | 73 " | " |
| " 23.. | " | 68 " | Rainy day. |
| " 24. | West | 70 " | Fine day. |
| " 25.. | " | 76 " | " |
| " 26.. | " | 80 " | " |
| " 27.. | " | 84 " | " |
| " 28.. | " | 85 " | " |
| " 29.. | " | 86 " | " |
| " 30. | " | 82 " | " |
| July 1.. | " | 80 " | " |
| " 2.. | North-east | 84 " | " |
| " 3.. | East | 77 " | " |
| " 4.. | West | 70 " | " |
| " 5.. | East | 68 " | " |
| " 6.. | East | 65 " | Rainy day. |
| " 7.. | West | 60 " | " |
| " 8.. | East | 64 " | Fine day. |
| " 9.. | West | 70 " | " |
| " 10.. | " | 73 " | " |
| " 11.. | East | 68 " | " |
| " 12.. | " | 72 " | " |
| " 13.. | West | 76 " | " |
| " 14.. | North-west | 83 " | " |
| " 15. | West | 86 " | " |
| " 16.. | " | 87 " | " |
| " 17.. | North-west | 76 " | " |
| " 18.. | West | 84 " | " |
| " 19.. | North-east | 70 " | " |
| " 20.. | North-west | 76 " | " |
| " 21.. | West | 74 " | " |
| " 22.. | North-east | 80 " | " |
| " 23.. | East | 78 " | " |
| " 24.. | " | 56 " | Rainy day. |

WEATHER REPORT FOR 1901—*Continued.*

| Date. | | Wind (at 8 to 9 a.m.) | Temperature (at 8 to 9 a.m.) | Remarks. |
|---|---|---|---|---|
| July | 25 | East | 64 above | Fine day. |
| " | 26 | " | 66 " | " |
| " | 27 | West | 76 " | " |
| " | 28 | North-east | 73 " | Rainy day. |
| " | 29 | West | 71 " | Fine day. |
| " | 30 | North-east | 75 " | Showery. |
| " | 31 | " | 63 " | Dull day. |
| Aug. | 1 | West | 64 " | Fine day. |
| " | 2 | North | 67 " | " |
| " | 3 | North-east | 72 " | " |
| " | 4 | West | 68 " | " |
| " | 5 | East | 70 " | " |
| " | 6 | West | 72 " | " |
| " | 7 | " | 63 " | Rainy day. |
| " | 8 | " | 74 " | Dull day. |
| " | 9 | North | 72 " | Fine day. |
| " | 10 | West | 60 " | Rainy day. |
| " | 11 | " | 64 " | Fine day. |
| " | 12 | East | 68 " | " |
| " | 13 | West | 72 " | " |
| " | 14 | " | 74 " | " |
| " | 15 | " | 78 " | " |
| " | 16 | East | 74 " | " |
| " | 17 | North-west | 72 " | " |
| " | 18 | West | 80 " | Dull day. |
| " | 19 | East | 68 " | Fine day. |
| " | 20 | South-east | 67 " | Rainy day. |
| " | 21 | " | 67 " | Dull day. |
| " | 22 | East | 78 " | Fine day. |
| " | 23 | West | 80 " | " |
| " | 24 | North-west | 74 " | Dull day. |
| " | 25 | North-east | 82 " | Fine day. |
| " | 26 | West | 76 " | " |
| " | 27 | " | 78 " | " |
| " | 28 | East | 70 " | " |
| " | 29 | West | 76 " | " |
| " | 30 | North-east | 68 " | Rainy day. |
| " | 31 | " | 60 " | " |
| Sept. | 1 | West | 68 " | Fine day. |
| " | 2 | North-east | 69 " | " |
| " | 3 | South-east | 68 " | " |
| " | 4 | West | 76 " | " |
| " | 5 | North-east | 74 " | " |
| " | 6 | West | 78 " | " |
| " | 7 | " | 78 " | " |
| " | 8 | North-east | 75 " | " |
| " | 9 | West | 63 " | " |
| " | 10 | East | 66 " | " |
| " | 11 | South-east | 60 " | Rainy day. |
| " | 12 | West | 62 " | Dull day. |
| " | 13 | East | 68 " | Rainy day. |
| " | 14 | North west | 66 " | Fine day. |
| " | 15 | East | 68 " | Rainy day. |
| " | 16 | North-west | 71 " | Fine day. |
| " | 17 | West | 59 " | Rainy day. |
| " | 18 | North-west | 56 " | Fine day. (Arrival of T.R.H. Duke and Duchess of Cornwall and York.) |
| " | 19 | South-west | 58 " | Fine day. |
| " | 20 | West | 54 " | " |
| " | 21 | " | 56 " | " |
| " | 22 | South | 64 " | " |
| " | 23 | North-east | 66 " | " |
| " | 24 | East | 63 " | " |
| " | 25 | " | 68 " | " |
| " | 26 | West | 50 " | " |
| " | 27 | " | 62 " | " |
| " | 28 | North-east | 61 " | " |
| " | 29 | West | 60 " | " |
| " | 30 | East | 64 " | " |
| Oct. | 1 | West | 59 " | Dull day. |
| " | 2 | " | 64 " | " |

WEATHER REPORT FOR 1901.—*Continued.*

| Date. | | Wind (at 8 to 9 a. m.) | Temperature (at 8 to 9 a. m.) | Remarks. |
|---|---|---|---|---|
| Oct. | 3 | West | 48 above | Dull day. |
| " | 4 | North | 48 " | Fine day. |
| " | 5 | North-east | 47 " | Dull day. |
| " | 6 | South-west | 46 " | Fine day. |
| " | 7 | West | 50 " | " |
| " | 8 | " | 58 " | " |
| " | 9 | " | 60 " | " |
| " | 10 | South-west | 62 " | Dull day. |
| " | 11 | West | 64 " | Fine day. |
| " | 12 | " | 68 " | " |
| " | 13 | East | 55 " | Rainy day. |
| " | 14 | West | 58 " | Fine day. |
| " | 15 | North-west | 58 " | " |
| " | 16 | West | 50 " | Dull day. |
| " | 17 | North-west | 43 " | Rainy day. |
| " | 18 | East | 42 " | Fine day. |
| " | 19 | North-east | 49 " | Rainy day. |
| " | 20 | West | 40 " | Fine day. |
| " | 21 | East | 42 " | " |
| " | 22 | North | 46 " | " |
| " | 23 | East | 63 " | " |
| " | 24 | " | 44 " | Dull day. |
| " | 25 | North-west | 40 " | Fine day. |
| " | 26 | West | 50 " | " |
| " | 27 | East | 57 " | " |
| " | 28 | West | 40 " | " |
| " | 29 | East | 42 " | " |
| " | 30 | West | 50 " | Dull day. |
| " | 31 | " | 60 " | Fine day. |
| Nov. | 1 | East | 54 " | " |
| " | 2 | " | 50 " | " |
| " | 3 | North-east | 58 " | " |
| " | 4 | West | 48 " | " |
| " | 5 | " | 43 " | Dull day. |
| " | 6 | East | 43 " | Fine day. |
| " | 7 | West | 42 " | " |
| " | 8 | East | 40 " | Rainy day. |
| " | 9 | West | 43 " | " |
| " | 10 | East | 40 " | Fine day. |
| " | 11 | " | 28 " | Dull day. |
| " | 12 | West | 36 " | Rainy day. |
| " | 13 | East | 32 " | Fine day. |
| " | 14 | North-west | 32 " | Snowing. |
| " | 15 | West | 32 " | Fine day. |
| " | 16 | East | 30 " | " |
| " | 17 | North-east | 33 " | " |
| " | 18 | West | 38 " | " |
| " | 19 | East | 58 " | " |
| " | 20 | North-west | 28 " | Dull day. |
| " | 21 | East | 32 " | Fine day. |
| " | 22 | West | 55 " | Rainy day. |
| " | 23 | North-east | 30 " | Snowing. |
| " | 24 | West | 27 " | Fine day. |
| " | 25 | East | 25 " | Snowing. Last SS. for sea. |
| " | 26 | North | 30 " | " |
| " | 27 | North-east | 18 " | Fine day. |
| " | 28 | West | 15 " | " |
| " | 29 | North-east | 25 " | Dull day. |
| " | 30 | East | 26 " | Fine day. |
| Dec. | 1 | North-west | 36 " | Dull day. |
| " | 2 | West | 38 " | Rainy day. |
| " | 3 | East | 18 " | Fine day. |
| " | 4 | North | 18 " | Snowing. |
| " | 5 | North-east | 15 " | Fine day. |
| " | 6 | East | 12 " | " Close of navigation. |
| " | 7 | North | 8 " | " |
| " | 8 | West | 33 " | " |
| " | 9 | East | 42 " | Rainy day. |
| " | 10 | South-east | 38 " | " |
| " | 11 | South-west | 28 " | Fine day. |
| " | 12 | West | 26 " | Dull day. |

WEATHER REPORT FOR 1901—*Concluded.*

| Date. | Wind (at 8 to 9 a.m.) | Temperature (at 8 to 9 a.m.) | Remarks. |
|---|---|---|---|
| Dec. 13 | South-east | 56 above | Rainy day. |
| " 14 | South | 46 " | " |
| " 15 | North | 10 " | Snowing. |
| " 16 | North-west | Zero | Fine day. |
| " 17 | East | 4 above | " |
| " 18 | " | 11 " | " |
| " 19 | North-east | 10 " | " |
| " 20 | " | 14 " | " |
| " 21 | West | 16 " | " |
| " 22 | East | 12 " | " |
| " 23 | West | 30 " | Dull day. |
| " 24 | North-east | 36 " | Snowing. |
| " 25 | North | 34 " | Fine day. |
| " 26 | West | 40 " | Dull day. |
| " 27 | East | 32 " | Snowing. |
| " 28 | " | 32 " | Dull day. |
| " 29 | North-west | 35 " | Snowing. |
| " 30 | West | 38 " | Dull day. |
| " 31 | North | 32 " | Snowing. |

JAMES McSHANE,
*Harbour Master.*

JAN - 8 1906

# SUPPLEMENT

TO THE

THIRTY-FIFTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING PARTLY FOR THE FISCAL YEAR ENDED JUNE 30 1902, AND PARTLY FOR THE CALENDAR YEAR 1902

# MARINE

---

# REPORTS

OF THE

# HARBOUR COMMISSIONERS

FOR

## TORONTO, MONTREAL, QUEBEC, THREE RIVERS, BELLEVILLE, NORTH SYDNEY AND PICTOU

THE PILOTAGE AUTHORITIES,

THE HARBOUR AND SHIPPING MASTERS, CERTAIN PORT WARDENS, TOGETHER WITH STATEMENT OF WRECKS AND CASUALTIES.

CHIEFLY UP TO THE

31st DAY OF DECEMBER, 1902

*PRINTED BY ORDER OF PARLIAMENT*

OTTAWA
PRINTED BY S. E. DAWSON, PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1903

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1906

OTTAWA, November, 1903.

Hon. RAYMOND PRÉFONTAINE,
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith the Supplement to the thirty-fifth Annual Report of the Marine Branch of the Department of Marine and Fisheries, being for the year 1902, containing a statement of merchant shipping, wrecks and casualties; list of certificates granted to masters and mates; the reports of the harbour commissioners of Toronto, Belleville, Montreal, Quebec, Three Rivers and North Sydney; list of harbour masters; reports of harbour masters generally; reports of pilotage commissioners; reports of port wardens, and list of shipping masters.

I have the honour to be, sir,
Your obedient servant,

F. GOURDEAU,
*Deputy Minister of Marine and Fisheries.*

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# APPENDIX No. 1.

# MERCHANT SHIPPING.

The total number of vessels remaining on the register books of the Dominion on 31st December, 1902, including old and new vessels, sailing vessels, steamers and s, was 6,836, measuring 652,613 tons register tonnage, being an increase of 44 ls, and a decrease of 11,870 tons register, as compared with 1901. The number of ers on the registry books on the same date was 2,289 with a gross tonnage of 53 tons. Assuming the average value to be $30 per ton, the value of the regis- tonnage of Canada, on the 31st December last, would be $19,578,390.

The number of new vessels built and registered in the Dominion of Canada during st year was 296, measuring 30,216 tons register tonnage. Estimating the value new tonnage at $45 per ton, it gives a total value of $1,359,720 for new vessels.

A statement follows, showing the number of vessels and number of tons on the er books at the different ports of registry in the Dominion, on the 31st December along with a comparative statement of the tonnage from 1874 to 1902. A state- is also published of the number of vessels built and registered in the Dominion g the last year, and a comparative statement of the number of new vessels built egistered from 1874 to 1902, both inclusive. A comparative statement is also of the tonnage of the Maritime States of the world.

EMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on December 31, 1902.

PROVINCE OF NEW BRUNSWICK.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| am | 341 | 43 | 2,100 | 7,334 |
| ester | 5 | ..... | ..... | 1,661 |
| on | 13 | 1 | 20 | 1,625 |
| ucto | 19 | 4 | 129 | 2,110 |
| ille | 11 | 3 | 65 | 597 |
| drews | 151 | 7 | 591 | 3,058 |
| hn | 377 | 71 | 7,086 | 48,220 |
| Total | 917 | 129 | 9,991 | 64,605 |

STATEMENT showing the number of Vessels and number of Tons on the Registry Books, &c.—*Continued.*

PROVINCE OF NOVA SCOTIA.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| Amherst | 5 | ..... | ..... | 118 |
| Annapolis | 46 | 1 | 32 | 5,226 |
| Arichat | 105 | 2 | 71 | 3,644 |
| Barrington | 46 | 2 | 59 | 1,461 |
| Canso | 25 | ..... | ..... | 560 |
| Digby | 121 | 4 | 128 | 4,838 |
| Guysboro' | 16 | ..... | ..... | 629 |
| Halifax | 432 | 60 | 7,499 | 19,348 |
| Liverpool | 82 | 3 | 185 | 7,741 |
| Lunenburg | 331 | 7 | 568 | 30,692 |
| Maitland | 21 | ..... | ..... | 13,715 |
| Parrsboro' | 129 | 3 | 259 | 30,565 |
| Pictou | 60 | 22 | 3,112 | 6,493 |
| Port Hawkesbury | 72 | 3 | 131 | 2,243 |
| Port Medway | 21 | 1 | 138 | 1,978 |
| Shelburne | 80 | 3 | 68 | 4,668 |
| Sydney | 99 | 17 | 979 | 6,565 |
| Truro | 1 | ..... | ..... | 122 |
| Weymouth | 35 | 1 | 21 | 2,074 |
| Windsor | 111 | 15 | 2,830 | 49,753 |
| Yarmouth | 199 | 28 | 4,450 | 20,594 |
| Total | 2,037 | 172 | 20,530 | 212,967 |

PROVINCE OF QUEBEC.

| | | | | |
|---|---|---|---|---|
| Amherst (Magdalen Islands) | 15 | ..... | ..... | 505 |
| Gaspé | 30 | ..... | ..... | 1,412 |
| Montreal | 576 | 206 | 55,806 | 91,347 |
| Paspebiac | 13 | 3 | 88 | 1,078 |
| Quebec | 654 | 154 | 21,966 | 42,318 |
| Total | 1,288 | 363 | 77,860 | 136,660 |

PROVINCE OF ONTARIO.

| | | | | |
|---|---|---|---|---|
| Amherstburg | 11 | 7 | 196 | 242 |
| Belleville | 18 | 14 | 309 | 612 |
| Bowmanville | 2 | ..... | ..... | 282 |
| Brockville | 24 | 23 | 521 | 327 |
| Chatham | 22 | 15 | 585 | 699 |
| Cobourg | 5 | 1 | 23 | 489 |
| Collingwood | 73 | 71 | 10,556 | 7,548 |
| Cornwall | 2 | 2 | 46 | 32 |
| Deseronto | 16 | 11 | 1,300 | 1,398 |
| Dunnville | 1 | ..... | ..... | 57 |
| Goderich | 37 | 29 | 971 | 1,362 |
| Hamilton | 49 | 41 | 6,114 | 5,026 |
| Kingston | 174 | 88 | 11,030 | 23,415 |
| Lindsay | 51 | 31 | 959 | 1,853 |
| Napanee | 1 | ..... | ..... | 122 |
| Oakville | 1 | ..... | ..... | 26 |
| Ottawa | 364 | 197 | 20,559 | 28,723 |
| Owen Sound | 43 | 40 | 7,647 | 5,351 |
| Peterborough | 39 | 35 | 997 | 890 |
| Picton | 20 | 11 | 2,884 | 3,492 |

**STATEMENT** showing the number of Vessels and number of Tons on the Registry Books, c.—*Concluded.*

PROVINCE OF ONTARIO—*Concluded.*

| Name of Port. | Total Number of Sailing Ships and Steamers. | Number of Steamers. | Gross Tonnage of Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|---|---|
| Port Arthur | 26 | 25 | 3,553 | 2,342 |
| Port Burwell | 6 | 5 | 54 | 95 |
| Port Dover | 12 | 7 | 201 | 590 |
| Port Hope | 47 | 28 | 1,956 | 3,979 |
| Port Rowan | 5 | 2 | 35 | 271 |
| Port Stanley | 9 | 9 | 1,346 | 840 |
| Prescott | 39 | 16 | 995 | 7,076 |
| Rat Portage | 14 | 14 | 637 | 353 |
| Sarnia | 35 | 28 | 9,042 | 7,023 |
| Saugeen | 14 | 12 | 593 | 607 |
| Sault Ste. Marie | 38 | 33 | 1,916 | 6,939 |
| St. Catharines | 92 | 59 | 4,588 | 9,976 |
| Toronto | 320 | 240 | 27,674 | 24,921 |
| Wallaceburg | 32 | 18 | 1,222 | 2,463 |
| Whitby | 3 | ..... | ..... | 514 |
| Windsor | 54 | 26 | 7,201 | 6,512 |
| Total | 1,699 | 1,138 | 125,610 | 156,449 |
| **PROVINCE OF PRINCE EDWARD ISLAND.** | | | | |
| Charlottetown | 156 | 16 | 3,272 | 13,464 |
| **PROVINCE OF BRITISH COLUMBIA.** | | | | |
| New Westminster | 154 | 90 | 6,503 | 9,326 |
| Vancouver | 185 | 140 | 16,781 | 16,280 |
| Victoria | 245 | 129 | 31,766 | 32,686 |
| Total | 584 | 359 | 55,050 | 58,292 |
| **PROVINCE OF MANITOBA.** | | | | |
| Winnipeg | 139 | 97 | 7,030 | 7,536 |
| **YUKON DISTRICT.** | | | | |
| Dawson City | 16 | 15 | 4,010 | 2,640 |
| **SUMMARY.** | | | | |
| New Brunswick | 917 | 129 | 9,991 | 64,605 |
| Nova Scotia | 2,037 | 172 | 20,530 | 212,967 |
| Quebec | 1,288 | 363 | 77,860 | 136,660 |
| Ontario | 1,699 | 1,138 | 125,610 | 156,449 |
| P. E. Island | 156 | 16 | 3,272 | 13,464 |
| British Columbia | 584 | 359 | 55,050 | 58,292 |
| Manitoba | 139 | 97 | 7,030 | 7,536 |
| Yukon District | 16 | 15 | 4,010 | 2,640 |
| Grand total | 6,836 | 2,289 | 303,353 | 652,613 |

COMPARATIVE STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada on the 31st December in each year, from 1874 to 1902.

| Provinces. | 1874. | | 1875. | | 1876. | | 1877. | | 1878. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 1,144 | 294,741 | 1,133 | 307,926 | 1,154 | 324,513 | 1,133 | 329,457 | 1,142 | 335,965 |
| Nova Scotia.... | 2,787 | 479,669 | 2,786 | 505,144 | 2,867 | 529,252 | 2,961 | 541,579 | 3,003 | 553,368 |
| Quebec..... | 1,837 | 218,946 | 1,831 | 222,965 | 1,902 | 228,502 | 1,951 | 248,399 | 1,676 | 248,349 |
| Ontario.. .... | 815 | 113,008 | 825 | 114,990 | 889 | 123,947 | 926 | 131,761 | 958 | 135,440 |
| P. E. Island... | 312 | 48,388 | 335 | 50,677 | 338 | 50,692 | 342 | 55,547 | 322 | 54,250 |
| B. Columbia... | 35 | 3,611 | 40 | 3,685 | 40 | 3,809 | 43 | 3,479 | 51 | 4,482 |
| Manitoba.. ... | .... | ..... .... | 2 | 178 | 2 | 178 | 6 | 246 | 17 | 1,161 |
| Total..... | 6,930 | 1,158,363 | 6,952 | 1,205,565 | 7,192 | 1,260,893 | 7,362 | 1,310,468 | 7,169 | 1,333,015 |

| | 1879. | | 1880. | | 1881. | | 1882. | | 1883. | |
|---|---|---|---|---|---|---|---|---|---|---|
| New Brunswick | 1,135 | 340,491 | 1,097 | 336,976 | 1,087 | 333,215 | 1,065 | 308,980 | 1,107 | 315,906 |
| Nova Scotia.... | 2,975 | 552,159 | 2,977 | 550,448 | 3,025 | 558,911 | 3,026 | 546,778 | 3,037 | 541,715 |
| Quebec..... | 1,975 | 246,025 | 1,889 | 233,341 | 1,830 | 224,936 | 1,754 | 215,804 | 1,739 | 216,577 |
| Ontario.. .... | 1,006 | 136,987 | 1,042 | 137,481 | 1,081 | 139,998 | 1,112 | 137,061 | 1,133 | 140,972 |
| P. E Island... | 298 | 49,807 | 288 | 45,931 | 273 | 45,410 | 248 | 41,684 | 241 | 49,446 |
| B. Columbia... | 60 | 4,701 | 63 | 5,049 | 74 | 6,296 | 84 | 7,687 | 94 | 9,046 |
| Manitoba..... | 22 | 1,924 | 21 | 1,992 | 24 | 2,130 | 23 | 2,783 | 24 | 2,778 |
| Total..... | 7,471 | 1,332,094 | 7,377 | 1,311,218 | 7,394 | 1,310,896 | 7,312 | 1,260,777 | 7,375 | 1,276,440 |

| | 1884. | | 1885. | | 1886. | | 1887. | | 1888. | |
|---|---|---|---|---|---|---|---|---|---|---|
| New Brunswick | 1,096 | 308,131 | 1,060 | 288,589 | 1,042 | 269,224 | 1,027 | 255,126 | 1,009 | 239,332 |
| Nova Scotia.... | 2,942 | 544,048 | 2,988 | 541,832 | 2,929 | 526,921 | 2,845 | 498,873 | 2,851 | 485,709 |
| Quebec..... | 1,628 | 202,842 | 1,631 | 203,635 | 1,650 | 232,556 | 1,586 | 189,064 | 1,498 | 178,520 |
| Ontario.. ..... | 1,184 | 142,387 | 1,223 | 144,487 | 1,248 | 140,929 | 1,275 | 139,548 | 1,330 | 139,502 |
| P. E. Island... | 234 | 39,213 | 227 | 36,040 | 225 | 30,658 | 225 | 29,031 | 218 | 26,586 |
| B. Columbia... | 116 | 11,403 | 123 | 11,834 | 134 | 11,900 | 149 | 12,789 | 167 | 14,249 |
| Manitoba..... | 55 | 5,722 | 63 | 5,439 | 65 | 5,578 | 71 | 5,871 | 69 | 5,744 |
| Total..... | 7,255 | 1,253,747 | 7,315 | 1,231,856 | 7,293 | 1,217,766 | 7,178 | 1,130,307 | 7,142 | 1,089,643 |

| | 1889. | | 1890 | | 1891. | | 1892. | | 1893. | |
|---|---|---|---|---|---|---|---|---|---|---|
| New Brunswick | 1,013 | 218,873 | 981 | 209,460 | 969 | 193,193 | 946 | 181,779 | 1,010 | 156,086 |
| Nova Scotia.... | 2,855 | 464,431 | 2,793 | 464,194 | 2,778 | 461,758 | 2,731 | 425,690 | 2,715 | 396,263 |
| Quebec..... .. | 1,455 | 168,500 | 1,399 | 164,003 | 1,404 | 162,330 | 1,408 | 162,638 | 1,426 | 161,121 |
| Ontario..... | 1,352 | 141,839 | 1,312 | 138,738 | 1,345 | 138,914 | 1,347 | 141,750 | 1,370 | 146,665 |
| P. E. Island.. | 224 | 25,506 | 231 | 26,080 | 195 | 23,316 | 196 | 22,706 | 188 | 20,970 |
| B. Columbia... | 176 | 15,241 | 196 | 16,024 | 246 | 19,767 | 298 | 23,448 | 315 | 24,900 |
| Manitoba..... | 77 | 6,091 | 79 | 6,475 | 78 | 6,197 | 81 | 6,118 | 89 | 6,534 |
| Total..... | 7,152 | 1,040,481 | 6,991 | 1,024,974 | 7,015 | 1,005,475 | 7,007 | 964,129 | 7,113 | 912,539 |

**COMPARATIVE STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, &c.—*Concluded.***

| Provinces. | 1894. | | 1895. | | 1896. | | 1897. | | 1898. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 1,003 | 136,257 | 975 | 122,417 | 964 | 115,506 | 923 | 103,584 | 903 | 89,257 |
| Nova Scotia | 2,710 | 371,432 | 2,683 | 343,356 | 2,669 | 317,526 | 2,204 | 283,056 | 2,167 | 262,176 |
| Quebec | 1,427 | 160,590 | 1,454 | 158,776 | 1,469 | 158,649 | 1,480 | 158,077 | 1,378 | 144,447 |
| Ontario | 1,480 | 148,525 | 1,508 | 148,609 | 1,525 | 146,522 | 1,424 | 135,349 | 1,452 | 134,180 |
| P. E. Island | 191 | 19,650 | 190 | 19,323 | 174 | 16,540 | 174 | 15,812 | 178 | 15,979 |
| B. Columbia | 336 | 26,455 | 346 | 25,988 | 363 | 26,622 | 364 | 28,604 | 444 | 40,304 |
| Manitoba | 98 | 6,715 | 106 | 7,307 | 115 | 7,934 | 115 | 7,272 | 121 | 7,439 |
| Total | 7,245 | 869,624 | 7,262 | 825,776 | 7,279 | 789,299 | 6,684 | 731,754 | 6,643 | 693,782 |

| | 1899. | | 1900. | | 1901. | | 1902. | |
|---|---|---|---|---|---|---|---|---|
| New Brunswick | 920 | 86,288 | 927 | 78,703 | 915 | 75,293 | 917 | 64,605 |
| Nova Scotia | 2,121 | 243,457 | 2,121 | 226,817 | 1,980 | 214,560 | 2,037 | 212,967 |
| Quebec | 1,375 | 144,586 | 1,247 | 138,136 | 1,265 | 142,664 | 1,288 | 136,660 |
| Ontario | 1,488 | 135,234 | 1,610 | 141,112 | 1,635 | 145,227 | 1,699 | 156,449 |
| Prince Edward Island | 171 | 14,660 | 176 | 14,251 | 180 | 14,729 | 156 | 13,444 |
| British Columbia | 488 | 44,415 | 515 | 51,095 | 676 | 62,102 | 584 | 58,292 |
| Manitoba | 126 | 9,108 | 128 | 7,147 | 130 | 7,445 | 139 | 7,536 |
| Yukon District | 9 | 1,604 | 11 | 2,268 | 11 | 2,463 | 16 | 2,640 |
| Total | 6,698 | 679,352 | 6,735 | 659,534 | 6,792 | 664,483 | 6,836 | 652,613 |

LIST of Ports at which Vessels may be Registered, showing the number of New Vessels Built and Registered in the Dominion of Canada, during the Year ended December 31, 1902.

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| **PROVINCE OF NEW BRUNSWICK.** | | |
| Chatham | 11 | 272 |
| Dorchester | Nil. | Nil. |
| Moncton | Nil. | Nil. |
| Richibucto | 1 | 21 |
| Sackville | Nil. | Nil. |
| St. Andrews | 2 | 33 |
| St. John | 9 | 729 |
| Total | 23 | 1,055 |
| **PROVINCE OF NOVA SCOTIA.** | | |
| Amherst | Nil. | Nil. |
| Annapolis | 1 | 386 |
| Arichat | 13 | 202 |
| Barrington | Nil. | Nil. |
| Canso | 4 | 1,111 |
| Digby | 11 | 221 |
| Guysboro' | Nil. | Nil. |
| Halifax | 14 | 435 |
| Liverpool | 10 | 1,516 |
| Lunenburg | 45 | 4,658 |
| Maitland | 3 | 507 |
| Parrsboro' | 10 | 2,835 |
| Pictou | 1 | 96 |
| Port Hawkesbury | 1 | 39 |
| Port Medway | 1 | 11 |
| Shelburne | 8 | 703 |
| Sydney | 2 | 21 |
| Truro | Nil. | Nil. |
| Weymouth | 1 | 40 |
| Windsor | 6 | 1,459 |
| Yarmouth | 9 | 587 |
| Total | 140 | 14,827 |
| **PROVINCE OF QUEBEC.** | | |
| Amherst (Magdalen Islands) | 1 | 32 |
| Gaspé | Nil. | Nil. |
| Montreal | 11 | 947 |
| Paspebiac | 1 | 67 |
| Quebec | 23 | 944 |
| Total | 36 | 1,990 |
| **PROVINCE OF ONTARIO.** | | |
| Amherstburg | Nil. | Nil. |
| Belleville | Nil. | Nil. |
| Bowmanville | Nil. | Nil. |
| Brockville | Nil. | Nil. |
| Chatham | Nil. | Nil. |
| Cobourg | Nil. | Nil. |
| Collingwood | 5 | 2,313 |
| Cornwall | Nil. | Nil. |
| Deseronto | Nil. | Nil. |
| Dunnville | Nil. | Nil. |
| Goderich | 2 | 67 |
| Hamilton | Nil. | Nil. |
| Kingston | 5 | 59 |
| Lindsay | 7 | 142 |
| Morrisburg | Nil. | Nil. |
| Napanee | Nil. | Nil. |
| Oakville | Nil. | Nil. |
| Ottawa | 9 | 488 |
| Owen Sound | 2 | 1,477 |
| Peterborough | 4 | 49 |
| Picton | Nil. | Nil. |
| Port Arthur | 1 | 80 |
| Port Burwell | Nil. | Nil. |
| Port Colborne | Nil. | Nil. |
| Port Dover | Nil. | Nil. |
| Port Hope | Nil. | Nil. |
| Port Rowan | Nil. | Nil. |
| Port Stanley | 1 | 149 |
| Prescott | Nil. | Nil. |
| Rat Portage | 1 | 29 |
| Sarnia | Nil. | Nil. |
| Saugeen | 2 | 45 |
| Sault Ste. Marie | 3 | 3,352 |
| St. Catharines | 2 | 49 |
| Toronto | 14 | 470 |
| Wallaceburg | 2 | 22 |
| Whitby | Nil. | Nil. |
| Windsor | Nil. | Nil. |
| Total | 60 | 8,791 |
| **PROVINCE OF PRINCE EDWARD ISLAND.** | | |
| Charlottetown | 8 | 530 |

LIST of Ports at which Vessels may be Registered, showing the number of New Vessels built and registered, &c.—*Concluded.*

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| **PROVINCE OF BRITISH COLUMBIA.** | | |
| New Westminster | 5 | 339 |
| Vancouver | 25 | 1,160 |
| Victoria | 6 | 1,051 |
| Total | 36 | 2,550 |
| **PROVINCE OF MANITOBA.** | | |
| Winnipeg | 10 | 137 |
| **YUKON DISTRICT.** | | |
| Dawson City | 3 | 326 |

| Name of Port. | Total Number of Sailing Ships and Steamers. | Total Net Tonnage of Sailing Ships and Steamers. |
|---|---|---|
| **SUMMARY.** | | |
| New Brunswick | 23 | 1,055 |
| Nova Scotia | 140 | 14,827 |
| Quebec | 36 | 1,990 |
| Ontario | 60 | 8,791 |
| Prince Edward Island | 8 | 530 |
| British Columbia | 36 | 2,550 |
| Manitoba | 10 | 137 |
| Yukon District | 3 | 336 |
| Total | 316 | 30,216 |

COMPARATIVE STATEMENT of New Vessels Built and Registered in the Dominion 1902, both

| Provinces. | 1874. | | 1875. | | 1876. | | 1877. | | 1878. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 90 | 42,027 | 65 | 33,483 | 61 | 31,040 | 54 | 31,158 | 56 | 27,368 |
| Nova Scotia | 175 | 84,480 | 177 | 67,106 | 194 | 58,771 | 219 | 47,980 | 166 | 49,784 |
| Quebec | 73 | 20,796 | 103 | 22,825 | 51 | 17,800 | 62 | 19,253 | 46 | 10,870 |
| Ontario | 50 | 10,797 | 53 | 7,760 | 47 | 5,397 | 28 | 3,316 | 30 | 2,409 |
| Prince Edward Island | 88 | 24,634 | 83 | 19,838 | 62 | 14,571 | 62 | 17,026 | 38 | 10,382 |
| British Columbia | 5 | 276 | .... | ..... | 1 | 121 | 2 | 204 | 2 | 45 |
| Manitoba | ... | ..... | ... | ..... | .... | ..... | 3 | 48 | 1 | 15 |
| | 481 | 183,010 | 481 | 151,012 | 416 | 127,700 | 430 | 118,985 | 339 | 100,873 |
| Add new vessels built in Canada which proceeded to the United Kingdom under a Governor's pass without being registered | 6 | 7,746 | .... | ..... | 3 | 2,721 | 2 | 1,943 | 1 | 663 |
| Add new vessels which left Quebec for registration in Germany | .... | ..... | .... | ..... | 1 | 480 | .... | ..... | .... | ..... |
| Total | 487 | 190,756 | 481 | 151,012 | 420 | 130,901 | 432 | 120,928 | 340 | 101,536 |

| Provinces. | 1888. | | 1889. | | 1890. | | 1891. | | 1892. | | 1893. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick | 32 | 2,530 | 50 | 4,792 | 35 | 5,572 | 43 | 6,269 | 21 | 1,873 | 119 | 2,819 |
| Nova Scotia | 116 | 12,965 | 126 | 19,645 | 150 | 33,907 | 130 | 35,528 | 105 | 16,446 | 111 | 15,089 |
| Quebec | 23 | 2,669 | 27 | 3,759 | 25 | 4,880 | 46 | 4,200 | 34 | 2,620 | 53 | 4,220 |
| Ontario | 62 | 5,095 | 45 | 3,259 | 41 | 4,917 | 44 | 2,662 | 34 | 3,684 | 49 | 4,126 |
| Prince Edward Island | 12 | 1,412 | 12 | 1,503 | 12 | 2,008 | 5 | 1,000 | 9 | 967 | 3 | 634 |
| British Columbia | 18 | 448 | 12 | 840 | 15 | 876 | 41 | 2,364 | 46 | 2,887 | 19 | 944 |
| Manitoba | 1 | 11 | 8 | 548 | 7 | 218 | 3 | 122 | 6 | 296 | 8 | 606 |
| Yukon District | .... | ..... | ... | ..... | .... | ..... | ... | ..... | .... | ..... | .... | ..... |
| | 264 | 25,130 | 280 | 34,346 | 285 | 52,378 | 312 | 52,145 | 255 | 28,773 | 362 | 28,440 |
| Add new vessels built in Canada which proceeded to the United Kingdom under a Governor's pass without being registered | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Add new vessels which left Quebec for registration in Germany | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| Total | 264 | 25,130 | 280 | 34,346 | 285 | 52,378 | 312 | 52,145 | 255 | 28,773 | 362 | 28,440 |

of Canada during the Year ended 31st December, in each Year, from 1874 to inclusive.

| 1879. | | 1880. | | 1881. | | 1882. | | 1883. | | 1884. | | 1885. | | 1886. | | 1887. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| 43 | 19,067 | 63 | 18,896 | 57 | 18,259 | 66 | 16,820 | 72 | 21,103 | 46 | 12,888 | 34 | 7,736 | 34 | 4,931 | 18 | 2,909 |
| 126 | 39,208 | 126 | 31,257 | 150 | 40,465 | 117 | 26,711 | 202 | 35,765 | 178 | 42,032 | 102 | 24,703 | 93 | 20,948 | 87 | 12,310 |
| 29 | 7,421 | 33 | 8,219 | 56 | 5,673 | 26 | 6,785 | 42 | 6,591 | 32 | 3,815 | 29 | 4,556 | 27 | 2,683 | 28 | 2,888 |
| 42 | 2,464 | 44 | 3,610 | 54 | 5,111 | 55 | 4,369 | 34 | 4,311 | 58 | 4,446 | 45 | 4,509 | 52 | 2,075 | 66 | 2,993 |
| 20 | 5,279 | 21 | 3,359 | 15 | 4,351 | 18 | 3,508 | 17 | 5,343 | 21 | 5,189 | 11 | 1,707 | 12 | 1,318 | 7 | 601 |
| 5 | 788 | .... | ..... | 2 | 85 | 8 | 1,631 | 5 | 849 | 15 | 675 | 6 | 648 | 8 | 154 | 9 | 376 |
| .. | ..... | 1 | 100 | 3 | 116 | 1 | 289 | 2 | 125 | 37 | 3,366 | 13 | 320 | 3 | 98 | 8 | 439 |
| 265 | 74,227 | 288 | 65,441 | 337 | 74,060 | 288 | 60,113 | 374 | 74,097 | 387 | 72,411 | 240 | 44,179 | 229 | 32,207 | 223 | 22,516 |
| .... | ..... | .... | ..... | .... | ..... | 1 | 1,029 | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| 265 | 74,227 | 288 | 65,441 | 337 | 74,060 | 289 | 61,142 | 374 | 74,090 | 387 | 72,411 | 240 | 44,179 | 229 | 32,207 | 223 | 22,516 |

| 1894. | | 1895. | | 1896. | | 1897. | | 1898. | | 1899. | | 1900. | | 1901. | | 1902. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| 40 | 2,534 | 27 | 714 | 24 | 627 | 33 | 1,738 | 31 | 790 | 31 | 798 | 22 | 762 | 25 | 1,141 | 23 | 1,055 |
| 128 | 8,721 | 89 | 4,762 | 97 | 7,704 | 54 | 4,259 | 67 | 4,962 | 92 | 7,594 | 117 | 9.416 | 133 | 14,660 | 140 | 14,827 |
| 55 | 4,412 | 49 | 4,335 | 36 | 3,969 | 49 | 4,227 | 51 | 4,139 | 35 | 5,943 | 50 | 4,301 | 43 | 7,421 | 16 | 1,990 |
| 64 | 3,137 | 52 | 3,732 | 38 | 1,757 | 50 | 3,850 | 46 | 1,872 | 52 | 3,419 | 58 | 3,734 | 62 | 2,665 | 60 | 8,791 |
| 3 | 183 | 1 | 196 | 3 | 111 | 3 | 226 | 5 | 372 | 3 | 56 | 3 | 106 | 6 | 589 | 8 | 530 |
| 25 | 1,900 | 18 | 1,709 | 22 | 1,466 | 26 | 2,429 | 72 | 12,228 | 51 | 2,734 | 43 | 3,837 | 62 | 7,728 | 36 | 2,550 |
| 11 | 356 | 14 | 822 | 7 | 512 | 16 | 365 | 6 | 159 | 13 | 554 | 3 | 109 | 3 | 112 | 10 | 137 |
| .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | 1 | 61 | 1 | 165 | 3 | 336 |
| 326 | 21,243 | 250 | 16,270 | 227 | 16,146 | 231 | 17,094 | 278 | 24,522 | 277 | 21,098 | 297 | 22,326 | 335 | 34,481 | 296 | 30,216 |
| .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... | .... | ..... |
| 326 | 21,243 | 250 | 16,270 | 227 | 16,146 | 231 | 17,094 | 278 | 24,522 | 277 | 21,098 | 297 | 22,326 | 335 | 34,481 | 296 | 30,216 |

STATEMENT showing the Tonnage of each of the Maritime States of the World compiled the Répertoire Général for 1901–1903.

| Nationality. | Steamers. | Gross Tonnage of Steamers. | Net Tonnage of Steamers. | Sailing Vessels. | Net Tonnage of Sailing Vessels. | Total Net Tonnage. |
|---|---|---|---|---|---|---|
| British, including Canada and the Colonies | 8,147 | 13,706,101 | 8,232,651 | 7,227 | 2,242,578 | 10,475,229 |
| American | 820 | 1,504,022 | 1,021,928 | 3,882 | 1,438,354 | 2,460,282 |
| German | 1,399 | 2,657,931 | 1,642,891 | 1,212 | 536,925 | 2,179,816 |
| Norwegian | 913 | 878,073 | 545,451 | 1,876 | 808,935 | 1,354,386 |
| French | 849 | 1,142,330 | 576,524 | 1,791 | 479,967 | 1,056,491 |
| Italian | 376 | 724,435 | 458,047 | 1,578 | 530,168 | 988,215 |
| Canadian (664, 483) | ..... | ..... | ..... | ..... | ..... | ..... |
| Russian | 617 | 588,234 | 354,299 | 2,977 | 543,015 | 897,314 |
| Spanish | 486 | 751,327 | 486,216 | 394 | 99,233 | 585,449 |
| Swedish | 683 | 457,471 | 321,118 | 1,649 | 285,670 | 606,788 |
| Dutch | 340 | 570,080 | 363,505 | 702 | 113,633 | 482,138 |
| Danish | 382 | 442,951 | 2,690,026 | 908 | 131,885 | 400,911 |
| Grecian | 176 | 281,196 | 184,408 | 914 | 176,184 | 360,592 |
| Japanese | 514 | 551,117 | 344,990 | 1,520 | 173,518 | 518,508 |
| Turkish | 108 | 98,571 | 61,096 | 915 | 180,411 | 241,507 |
| Austrian | 256 | 525,492 | 328,213 | 129 | 33,087 | 361,300 |
| Brazilian | 221 | 136,105 | 86,677 | 341 | 76,660 | 163,337 |
| Chilian | 52 | 64,929 | 40,656 | 113 | 51,052 | 91,708 |
| Belgian | 158 | 169,444 | 114,925 | 13 | 3,090 | 118,015 |
| Portuguese | 44 | 47,887 | 29,801 | 278 | 55,930 | 85,731 |
| Argentine | 105 | 68,949 | 43,144 | 160 | 41,817 | 84,961 |
| Hawaiian | ..... | ..... | ..... | ..... | ..... | ..... |
| Peruvian | 5 | 6,377 | 4,253 | 35 | 23,399 | 27,652 |
| Chinese | 42 | 58,390 | 36,936 | 12 | 1,661 | 38,597 |
| Uruguay | 31 | 22,773 | 15,379 | ..... | ..... | 15,379 |
| Roumanian | 26 | 20,754 | 12,700 | 23 | 4,207 | 16,907 |
| Egyptian | 8 | 5,463 | 3,438 | 6 | 1,481 | 4,919 |
| Mexican | 25 | 12,317 | 7,237 | 48 | 8,747 | 15,984 |
| Nicaragua | 2 | 783 | 420 | 18 | 9,827 | 10,247 |
| Guatemala | ..... | ..... | ..... | 12 | 3,066 | 3,060 |
| Siamese | 6 | 2,601 | 1,561 | 12 | 4,088 | 5,649 |
| Venezuelan | 11 | 5,943 | 3,493 | 17 | 2,911 | 6,404 |
| Arabian | ..... | ..... | ..... | 2 | 1,485 | 1,486 |
| Haytian | 5 | 2,122 | 893 | 14 | 2,471 | 3,364 |
| Montenegrian | ..... | ..... | ..... | 18 | 4,405 | 4,405 |
| Colombian | 1 | 881 | 457 | 4 | 1,254 | 1,711 |
| Zanzibar | 2 | 2,478 | 1,656 | ..... | ..... | 1,656 |
| Persian | 1 | 838 | 379 | 1 | 608 | 1,187 |
| Bolivian | ..... | ..... | ..... | 1 | 601 | 601 |
| Bulgarian | 2 | 1,977 | 1,295 | 1 | 110 | 1,405 |
| San Domingo | ..... | ..... | ..... | 8 | 1,235 | 1,235 |
| Corean | 3 | 1,545 | 1,168 | ..... | ..... | 1,168 |
| Costa Rica | 3 | 1,120 | 686 | 2 | 551 | 1,237 |
| Sarawak | 3 | 2,152 | 1,331 | 1 | 347 | 1,678 |
| Liberian | ..... | ..... | ..... | 3 | 916 | 916 |
| Ecuador | ..... | ..... | ..... | 1 | 257 | 257 |
| Tunisian | 1 | 75 | 11 | 2 | 514 | 525 |
| San Salvador | ..... | ..... | ..... | 3 | 514 | 514 |
| Borneo | ..... | ..... | ..... | ..... | ..... | ..... |
| Paraguay | 1 | 282 | 232 | ..... | ..... | 232 |
| Servian | 1 | 264 | 112 | ..... | ..... | 112 |
| Honduras | 2 | 263 | 115 | 2 | 199 | 314 |
| Cuban | 43 | 32,280 | 24,753 | 121 | 11,510 | 36,263 |
| Unknown | 21 | 33,479 | 20,217 | 71 | 11,589 | 32,806 |
| Oriental Republic | ..... | ..... | ..... | 67 | 25,925 | 25,925 |
| Total | 16,891 | 25,587,802 | 15,644,488 | 29,304 | 8,131,984 | 23,776,472 |

# APPENDIX No. 2.

## REPORT OF THE MONTREAL HARBOUR COMMISSIONERS FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1901.

*(Only portion relating to Harbour Master's Office has appeared in Supplement of 1901.)*

HARBOUR COMMISSIONERS OF MONTREAL,
SECRETARY'S OFFICE, MONTREAL, February 11, 1903.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, to forward herewith, for the information of the Hon. the Minister of Marine and Fisheries, a summarized statement of the operations of the corporation for the year ended December 31, 1901.

The ordinary revenue was $270,411.17, a decrease of $16,658.01 from that of the previous year. The tariff of wharfage rates on about sixty per cent of the articles for export was reduced fifty per cent, which caused a falling off in that portion of the revenue estimated at $52,609.83 from what it would have been had the tariff been the same as in the previous year. The revenue from imports increased $31,187.58, and that from local wharfages $1,130.60, while the exports show a decrease of $43,834.57, owing to the reduction in the tariff, as above mentioned.

The cost of management, maintenance and repairs, apart from expenditure on capital account, was $128,575.27, being an increase of $43,191.33 over the previous year. The expenditure on harbour repairs for 1901 was $79,460.80, being $36,781.99 over that of 1900. This excess accounts for the larger part of the increase of expenditure aforementioned. The interest and annuity of $600 were $176,632.05, the increase of $12,493.16 being for interest on loans received during the year to carry out the works of improvement.

The amount expended on capital account for the year was $455,497.63, as against $390,314.90 in 1900, towards which the city of Montreal contributes $90,508.89 on account of harbour improvements. The commission, under agreement with the city of Montreal, constructed a further portion of the flood protection wall, upon which $99,413.90 was expended; this amount added to the expenditure on capital account, makes $554,911.53 spent on permanent improvements.

The sum of $150,000 was raised on loan from the Dominion of Canada, on account of the $2,000,000 authorized by the Act 61 Victoria, chapter 47, for harbour improvements.

One million eight hundred and fifty thousand dollars authorized by the Act 61 Victoria, chapter 47, amended by the Act 62-63 Victoria, chapter 36, was available towards covering the cost of harbour improvements carried out and those still to be done, and the amount still to be contributed by the city of Montreal for future work, under agreement of September 12, 1899, was $172,499.45 for general improvements, and for the guard pier construction, $9,039 05. Towards the erection of a grain elevator and other harbour equipment, there was available the $1,000,000 authorized to be loaned to the corporation by the Act 1 Edward VII., chapter 9.

The total bonded debt at the end of the year was $4,372,000, of which $2,222,000 is due to the public, and $2,150,000 to the government, upon which the average rate of interest is about $3\frac{7}{8}$ per cent per annum.

The usual report of the past year of the harbour master has already been transmitted to you, while that of the chief engineer on the works, for the improvement and maintenance of the harbour, is transmitted herewith.

I have the honour to be, sir, your obedient servant,

DAVID SEATH, *Secretary-Treasurer.*

SUMMARIZED STATEMENT of operations for the year ended December 31, 1901.

| Balance and Receipts. | | | Revenue. | Capital. |
|---|---|---|---|---|
| | | | $ cts. | $ cts. |
| Balance from 1900 | | $373,529 70 | | |
| Held for Montreal Decayed Pilots' Fund in trust: | | | | |
| Harbour Debentures and City Stock | 51,000 00 | | | |
| Cash on hand and in City and District Savings Bank | 3,819 39 | | | |
| | | 54,819 39 | | |
| | | | .... | 428,349 09 |
| *Receipts during 1901.* | | | | |
| Collector of Customs: | | | | |
| Wharfage dues on imports | $ 132,614 68 | | | |
| " " exports | 87,683 05 | | | |
| | | | 220,297 73 | |
| Wharfinger, local traffic, &c | | | 30,991 62 | |
| Wharfage dues not paid at Customs, 1900 | | | 13 80 | |
| Proceeds sale of unclaimed goods | | | 69 25 | |
| Rental Harbour tracks and properties | | | 13,038 74 | |
| W. J. Conners, *et al*, indemnity for cancelling allotment | | | 6,000 00 | |
| Harbour Plant, sale of builders' derricks | | | ..... | 500 00 |
| Harbour Dredging Fleet, old materials sold | | | ..... | 1,955 80 |
| Harbour Railway, old materials sold | | | ..... | 446 40 |
| Harbour Repairs, old materials sold | | | ..... | 248 30 |
| Harbour Enlargement, use of diver | | | ..... | 18 75 |
| " " City of Montreal | | | ..... | 88,569 62 |
| City Flood Wall, old materials sold | | | ..... | 1 50 |
| " City of Montreal | | | ..... | 99,413 90 |
| Guard Pier " | | | ..... | 1,939 27 |
| Chart Account, charts sold | | | ..... | 44 25 |
| Security deposits, for due fulfilment of contracts | | | ..... | 9,726 92 |
| Pilotage Expenses, 2 p.c. of pilotage dues | | | ..... | 1,412 76 |

| Disbursements and Balance. | | | Revenue. | Capital. |
|---|---|---|---|---|
| | | | $ cts. | $ cts. |
| Refunds of wharfages inwards and outwards | | | 64 26 | |
| Administrative staff, salaries and fees | | | 25,022 91 | |
| Annuity | | | 600 00 | |
| Miscellaneous expenses, taxes, heating, printing, advertising, travelling, legal, notarial and other expenses | | | 12,804 28 | |
| Electric Lighting of Harbour | | | 4,009 10 | |
| Harbour Surveys | | | 1,551 64 | |
| Maintenance of Dredging | | | 2,449 52 | |
| Buoys and Beacons maintained by the Commission | | | 23 01 | |
| Harbour Repairs, maintenance of wharves, &c | | | 79,460 80 | |
| Interest | | | 176,032 65 | |
| Premium for employer's legal liability insurance | | | 3,189 15 | |
| Harbour of Montreal, establishing boundary | | | ..... | 195 90 |
| Windmill Point Basin, dredging | | | ..... | 4,041 62 |
| " Wharf, dumpman | | | ..... | 443 04 |
| Harbour Railway, (see contra for credit) | | | ..... | 10,419 09 |
| Harbour Dredging Fleet, (see contra for credit) | | | ..... | 1,955 80 |
| City Flood Wall, (see contra for credit) | | | ..... | 99,415 40 |
| Harbour Enlargement, new piers, &c., (see contra for credit) | | | ..... | 388,537 13 |
| Harbour Repairs, (see contra for credit) | | | ..... | 248 30 |
| Harbour Enlargement, dredging | | | ..... | 18,963 98 |
| Guard Pier Construction, (see contra for credit) | | | ..... | 8,470 23 |
| Ship Channel in Harbour | | | ..... | 18,936 17 |
| Harbour Plant, deduction made for depreciation | | | ..... | 5,156 57 |
| Real Estate—Improvements | | | ..... | 1,116 84 |
| Elevator Account | | | ..... | 182 21 |
| Security deposits refunded | | | ..... | 60,813 81 |
| Pilotage Expenses | | | ..... | 831 25 |
| Montreal Decayed Pilots' Fund: | | | | |
| Pensions to old pilots and widows | $ 5,649 90 | | | |
| Audit of fund, etc | 35 00 | | | |
| | | | ..... | 5,684 90 |
| Disbursements on Capital account | | | ..... | 625,412 24 |
| " on Revenue account | | | ..... | 305,207 32 |
| Total disbursements | | | ..... | 930,619 56 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 5,621 02 | Bank of Montreal, coupon account | 100 00 | | | |
| Dominion of Canada under the Act 61 Vic., Chap. 47 | | 150,000 00 | | | $ 5,283 77 | | |
| Balance and receipts on capital account | | 788,247 58 | Sundry accounts receivable | | 94,075 41 | | |
| Receipts on Revenue account | | 270,411 17 | Value of materials in stock | | 128,681 26 | | |
| | | | Discount on debentures 'H' & 'J' | | 19,272 23 | | |
| | | | | | 247,312 67 | | |
| | | | Less interest accrued and coupons outstanding | $86,524 81 | | | |
| | | | Bank of Montreal (paid January 22, 1902) | 85,815 06 | | | |
| | | | Account unadjusted Dec. 31, 1901 | 1,689 15 | 174,029 02 | | |
| | | | | | 73,283 65 | | |
| | | | Montreal Decayed Pilots' Fund: | | | | |
| | | | Harbour debentures and city stock | 51,000 00 | | | |
| | | | Deposit, City and District Sav. Bank | 3,755 19 | | | |
| | | | Cash | 0 32 | 54,755 51 | | 128,039 16 |
| | | 1,058,658 72 | | | | | 1,058,658 72 |

Certified.

DAVID SEATH,
*Secretary-Treasurer.*

Verified as per report.

RIDDELL & COMMON, C.A.,
*Auditors.*

HARBOUR COMMISSIONERS OF MONTREAL,
CHIEF ENGINEER'S OFFICE,
MONTREAL, November 20, 1902.

DAVID SEATH, Esq.,
Secretary, Harbour Commissioners of Montreal.

DEAR SIR,—I beg to submit for the information of the Board of Harbour Commissioners, the following report upon the works in the harbour of Montreal for the year ended December 31, 1901 :—

NEW WORKS.

The principal works carried on during the year were : The building of the concrete superstructure of the shore wharf in sections 12 and 13, which was commenced in the previous fall, and making of a large part of the filling behind the wharf ; the completion of the large new pier in section 14 ; the building and sinking of the cribwork of the shore wharf from pier to pier in section 15 ; the building and sinking of the cribwork and the making of the filling of the new pier in section 16 to an average height of about 12 feet below finished elevation ; the completion of the cribwork and the making of a considerable part of the shore wharf in sections 18 and 19, and the dredging out of large areas of the basins between sections 32 and 5.

The principal details are as follows :—

*Section 7, Windmill Point.*—About 49,250 cubic yards of earth, ashes and other filling stuff sent in from city excavations, furnaces, &c., were used in extending the wharf embankment on the south-east side of the Windmill Point basin. The embankment had, at the close of the year, been carried down to about 1,500 feet from the head of the basin. Expenditure, $443.04.

*Sections 5 to 11, Windmill Point Basin and Approach.*—The Windmill Point basin was deepened by dredging and blasting, chiefly on its south-east side, in sections 5 to 11, and for the double purpose of obtaining rock for the filling of cribwork and other parts of the new wharves being built in other parts of the harbour, and of enlarging the deep water area of the basin and preparing foundation for future extension of the wharf on its south-east side. The dredged area is about 1,000 feet in length by 40 feet in width on the side of cribs to be built on the east side of the basin, and 700 feet in length by 60 feet in width in the basin proper, adjoining the dredging on the crib seats. The depth of the dredging varied from 18 feet to 29 feet at extreme low water. Expenditure on dredging, $4,041.62.

*Harbour Improvement Works, Sections 12 and 13.*—At the closing of work in 1900, the cribwork of the new shore wharf between the entrance of the canal and the new pier in section 14 had all been put in place and built up to elevation 95·20 feet above datum, and 280 lineal feet of the concrete superstructure had been built up to elevation 103·00 feet. On July 15, 1901, which was as soon as the river had sufficiently lowered, the building of the concrete superstructure was resumed, and by November 30, the whole was finished. The length of the new shore wharf is 1,000 feet, and its concrete superstructure wall is finished at elevation 119·00, or fifteen feet above extreme low water. With the exception of a short ashlar masonry wall, which was rather a part of the canal entrance works than a wharf, and which was taken down in 1899 in making

NOTE.—The term "extreme low water" in this report means the stage of the river when there is 13 feet depth on the lower mitre sill of lock No. 1, Lachine Canal, built 1848. The term "ordinary low water" means a stage 3 feet 4 inches higher, or 16 feet 4 inches on the lock sill. All elevations above datum are measured from the harbour datum, which is a horizontal plane 81 feet below the lock sill, 169 feet below the Montreal city datum, and 73·90 feet below mean tide level at New York, according to the United States Coast Survey levels.

room for the harbour enlargement works, the newly-built wharf of cribwork up to low water and concrete wall above is the first wharf in the Montreal harbour which is known to have had the front wall built of anything but timber.

During the building of the concrete wall a great quantity of dredgings was deposited in rear by the floating derricks, as filling stuff to bring the whole wharf up to high level and a considerable quantity of stuff from city carts was also received and deposited.

*Harbour Improvement Works, Section 14.*—At the close of the working season of 1900 all the timber work of the new pier, now called the Alexandra Pier, had been finished, except one to three feet in height and the top planking of about 325 lineal feet of the outer end of the pier, Nearly all the earth and rock filling had also been deposited, but not spread and levelled to proper height. The finishing of the timber work and levelling of the filling were commenced early in May, 1901, and by July 6, the whole pier was put into use by vessels.

The pier is 1,000 feet in length by 300 feet in width, and is built of timber cribwork face walls and solid earth and rock filling throughout. The cribwork walls are founded at elevation 62·00 to 63·50 feet above datum, or 32 to 30½ feet below extreme low water on the lock sill, and it is finished at a top elevation of 119·00 feet above datum, or 25 feet above extreme low water.

*Harbour Improvement Works, Section 15.*—The old Island wharf, the first part of which was built about 1832, and parts of the old shore wharf built in later times, were dredged out during the summer to form the site for the new shore wharf between the Alexandra and the new King Edward piers. The first crib of the new wharf, that next the King Edward pier, was sunk in position on September 13, 1901, and the one next the Alexandra pier was sunk on September 21, 1901. The building of a grain elevator by the Commissioners in the middle of the length of the shore wharf having been determined upon, the central crib of the wharf was made of special construction with compartments and filling suited to receive the piles for the elevator foundation. This crib was sunk on November 23, 1901. The other two cribs are of ordinary construction, and all were built up to an elevation of about 94·00 feet above datum and filled to receive a concrete superstructure wall. The length of the shore wharf from pier to pier is 576 feet.

The Commissioners street sewer which discharged into the old Elgin basin was found to be in very bad condition in the part beneath the old wharf. It was therefore repaired through to the north-east side of the new flood wall by building new timber walls inside the old walls and putting on a new cover of two thicknesses of timber. The sewer was also extended out to the face of the new shore wharf in a strongly built timber culvert which discharges into the new basin below low water level.

*Harbour Improvement Works, Section 16.*—In the fall of 1900 four cribs had been built and made nearly ready for sinking. Crib building was resumed on April 18, 1901. The first crib of the pier, that at the down stream outer corner, was sunk in place on May 31, and by November 11, the last crib, that at the inshore end of the lower side, had been sunk. The building up of the superstructure of the cribwork and the filling behind was made to follow on as quickly as practicable, and by the close of the working season both had been brought up to an average height of about twelve feet below the finished top level of the pier.

The pier is 1,018 feet in length on the up stream side and 1,010 feet long on the down-stream side, and is 300 feet in width. The wharf wall surrounding the pier is all of cribwork, founded on earth bottom at 32 feet below lowest water, or 62·00 feet above datum, and will be finished at 25 feet above lowest water, or 119·00 feet above datum.

*Harbour Improvement Works, Sections 18 and 19.*—At the close of 1900 the cribwork of the shore wharf between the Jacques Cartier and the Victoria piers had been built up to nearly full height and the filling behind it was well advanced. Work was resumed on April 22, 1901, and by June 1 the wharf was put into use. The filling in rear was carried back to a width of 104 feet, or about half the breadth of the whole wharf at that

place, and the remainder was left at low level in order to leave undisturbed until a future time the railway tracks and main roadway along the harbour. The front wall of the new wharf is wholly of cribwork, is 739 feet in length, and it slopes from the height of the high level Jacques Cartier pier at one end to the low level Victoria pier at the other end, and it is founded at 32 feet below water and 13 feet on the back sill.

## HARBOUR IMPROVEMENT WORKS.

### *General.*

*Dredging Foundations of Wharf, Cribs, &c.*—The site of the cribwork around the King Edward pier, 2,300 feet in length, by 50 feet in width, was dredged to 32 feet depth preparatory to sinking the cribs.

The old Island wharf, about 32 feet in length by 200 feet in width, by 47 feet in height, was completely dredged away, 32 feet to 39 feet of water being made on its site.

The site of the cribwork of the shore wharf between the sites of the Alexandra and King Edward piers was dredged to 32 feet depth preparatory to sinking the cribs. Length about 576 feet.

The site of the elevator now under construction (the Weber Elevator) was dredged to a depth of 15 feet to 32 feet to clear the foundation of stony material preparatory to driving the piles. Area about 200 feet by 100 feet. The site of the cribwork of the new shore wharf between the King Edward and Jacques Cartier piers was dredged, about half its length, to 32 feet. Length of this wharf about 622 feet.

*Dredging Basins, Channels, &c.*—About two-thirds of the area of the basin inclosed by the King Edward and Jacques Cartier piers was gone over and deepened to an average depth of about 36 feet.

Nearly all the basin inclosed by the Alexandra and King Edward piers was gone over and about one-third of it was deepened to 36 feet, and the remainder to 27 to 33 feet depth.

About one-third of the area of the basin, extending from the outer ends of the three new piers to the guard pier was, deepened so as to give a depth equal to that of the present ship channel, with a width of 400 to 500 feet out from the ends of the piers, from the Alexandra pier down stream to deep water. From the Alexandra pier towards Windmill Point, the dredging extended out about 400 feet from the end of the pier, but only about one-half of this width was deepened to the present ship channel depth.

The quantities dredged were as follows :—

Sections 12 to 15, 790,204 cubic yards ; sections 16 and 17, 252,670 cubic yards; sections 18 and 19, 7,950 cubic yards ; 1,050,824 cubic yards in all.

*Blasting.*—Opposite the King Edward pier an area of 66,000 square feet was drilled and blasted, and between this area and the entrance of the Windmill Point basin, another area of 880 feet by 75 feet was also dredged and blasted, the whole in such position as to give a width of 330 feet of channel frum the ends of the King Edward and Alexandra piers.

Expenditures in harbour enlargement works in 1901 :—

Cribwork construction, $158,400.30 ; concrete wharf, $54,508.16 ; labour filling wharves, $27,757.51 ; portion of dredge and derrick work chargeable to filling the wharves, $147,549.32 ; drilling and blasting, $18,468.45 ; dredging (part cost), $495.50; total, $407,179.24. Paid by city for above work in 1901, $88,569.62.

An area of about 1,200 feet in length by 300 feet in width was dredged through the Molson's shoal from opposite section 27 to opposite section 32, in such manner as to hereafter form an addition to the ship channel.

## FLOOD PREVENTION WORKS—CITY CONTRACT.

Under the provisions of the contract of September 12, 1899, between the Harbour Commissioners of the city of Montreal, by which the commissioners undertook the con-

struction of the flood prevention works between Black's bridge and Berri street, work which had been commenced in 1899 was resumed with the starting of the harbour works in the spring of 1900.

The flood protection wall, at the close of the working season of 1900, had been finished from its west end near Black's bridge to Port street, and from its east end at Berri street to the west end of the Bonsecours Market. Building was resumed on April 22, and part of the wall, 2,489 feet in length, was finished. The flood gates were fitted up in all the gateways after the close of navigation, and the whole flood wall thus made complete for the protection of the city.

The flood wall, including a rebuilt part of the wall of the Berri street ramp, is 5,123 feet in total length ; it is founded in general at about 110·00 feet above datum, and its top is 127·00 feet above datum, or 22 inches above the flood level of 1886, which was the highest on record. The wall, from its foundation to street level of 120·50 feet above datum, is 6 feet thick and is built in some parts of its length of rubble, in some of concrete, and in the remainder of both, and in all the mortar is of Portland cement. From street level to its top the wall batters on both sides from 6 feet to 3 feet thickness, and it is built of well cut limestone, ashlar faces with rubble or concrete filling, and also with cement mortar. The top is finished with a cut stone coping of 14 inches thickness in stones, which reach across the whole breadth of the wall.

The gateways of the wall for communication betweeu the street and the wharves are fourteen in number, and, with two exceptions, are 40 feet wide in the clear. Each gateway is closed in flood time by gates composed of six leaves or sections made of Douglas fir planks, 5 inches thick, which are braced against the water and ice pressure by two very strong steel brace frames to each section.

The flood wall is so placed as to widen Common and Commissioners street to a standard width of 75 feet, increased at irregularities to 85 to 100 feet, and at the Bonsecours Market to an average of 120 feet between the general line of the market building and the wall. The area of land added to the street and in the sight of the wall, or more precisely the area of land between the Harbour Commissioners' boundary line and the south-east side of the wall is about 210,250 square feet.

The added width of street, which is mostly over the old low level wharfs, was filled up to proper street elevation, and the parts between Prince and St. Peter and between Jacques Cartier square and Victor street had also been macadamized by the Commissioners at the close of 1900, but as the city intends to pave the whole street at an early date, an arrangement was arrived at between the City and the Commissioners by which the Commissioners have been released from macadamizin; the remainder, and have deducted a proportionate sum from the contract price.

### NEW WORKSHOPS ON MACKAY PIER.

The old floating shop and the several small buildings and sheds on the Mackay pier having become too small and inconvenient for the proper and economical maintenance of the dredging fleet, the building of shops on the Mackay pier was authorized by the Commissioners. Construction was commenced in September, and both the shops and necessary wharf platforms and other works were well advanced at the close of the year.

The new shops are built upon the top of the Mackay pier (guard pier) and consist of a blacksmith's shop of 100 feet by 48 feet, joined at one end to a machine shop and pattern-making shop of 132 feet by 48 feet, and of a carpenter's shop of 60 feet by 48 feet, placed 50 feet distant from the machine shop. The smithy is one story high, and the others of two stories, and all are of wood and of light construction. Along the side of the guard pier and fronting the shops a low level pile wharf of 247 feet in length by 27 feet 3 inches in top width was built, and on the top of the pier in the space between the wharf and the shops a high level wharf or platform of 312 feet by 29 feet 9 inches was being built at the close of the year.

HARBOUR YARD NEW SHED.

A shed was built in the north-west corner of the Commissioners' yard on the corner of Beaudry and Water streets, for the housing of water carts, wagons, wheelbarrows, &c. The shed is of wood, 123 feet by 18 feet, the ground floor being filled for storing the carts and wagons, and an upper floor for barrows, &c.

REPAIRS.

The total cost of maintenance and repairs of the harbour works in 1901 is $79,461, and it compares as follows with the expenditure of previous years :—

| | |
|---|---|
| 1875 | $16,499 |
| 1876 | 35,711 |
| 1877 | 26,077 |
| 1878 | 18,974 |
| 1879 | 18,819 |
| 1880 | 17,330 |
| 1881 | 16,159 |
| 1882 | 27,962 |
| 1883 | 35,768 |
| 1884 | 44,869 |
| 1885 | 42,158 |
| 1886 | 64,986 |
| 1887 | 64,984 |
| 1888 | 49,520 |
| 1889 | 51,892 |
| 1890 | 56,380 |
| 1891 | 49,109 |
| 1892 | 72,179 |
| 1893 | 58,644 |
| 1894 | 75,455 |
| 1895 | 50,081 |
| 1896 | 55,211 |
| 1897 | 46,259 |
| 1898 | 58,847 |
| 1899 | 52,252 |
| 1900 | 42,679 |
| 1901 | 79,461 |

ICE MOVEMENTS—SPRING OF 1901.

The spring rise of water began on April 4, when the water stood at 27 feet 4 inches on the sill. The first shove took place on the 6th, the water having risen to 30 feet 4 inches on the sill. On the 10th another shove took place, and the water rose to 34 feet 4 inches on the sill. Heavy shoving took place on the 12th and the water rose to 36 feet 3 inches on the sill. Shoving continued at frequent intervals and on the 14th the ice field between the guard pier and the ends of the Jacques Cartier and Alexandra piers, and extending from Jacques Cartier pier to Windmill Point basin was shoved up stream 100 feet bodily, but was not broken up. The water was then 37 feet 7 inches on the sill, but within twelve hours rose to 40 feet 2 inches, the highest level reached, being 1 foot 8 inches higher than Commissioners and Common streets. The river was now open at and below Victoria Bridge, and on the 15th the ice was running down from Laprairie Bay. On the 16th, Lake St. Louis ice came down and filled up the river to Nun's Island, but in the afternoon the ice again began to move down at the Bridge. On the morning of the 17th open water extended some distance below Ile Ronde, and

out noon the blockade gave way and the water fell at the rate of one foot per hour seven hours, the channel being open.

On the breaking up of the winter ice on the river, the shoving was very heavy, d the water being high, great quantities of ice were left upon the wharfs of the rbour outside the area protected by the guard pier.

From the head of the harbour, down to the Victoria pier, the wharfs were left actically clear of ice, with the exception of a small quantity on the shore wharf in ction 17 and a covering of ice over two-thirds of the length of the pier in section 18.

The following are the approximate quantities of ice left upon the wharfs :—

| | Cubic yards. |
|---|---|
| Sugar Refinery Pier, Section 46. | |
| 120 ft. by 450 ft. by 10 ft. average thickness | 20,000 |
| Pier, Section 43. | |
| 650 ft. by 1y 80 ft. b15 ft. average thickness | 65,000 |
| Sections 41 to 37, Cotton Factory to old Rafferty ramp. | |
| 2,200 ft by 175 ft. average by 12½ ft. average thickness | 176,759 |
| Sections 37 to 36, Rafferty to Denonville ramp. | |
| 600 ft. by 150 ft. by 5 ft. average thickness | 16,666 |
| Sections 36 to 29, Denonville ramp to Jail. | |
| 3,600 ft. by 120 ft. average by 14 ft. average thickness | 224,000 |
| Sections 29 to 27, Jail to Rubber Factory. | |
| 1,300 ft. by 120 ft. average by 8 ft. average thickness | 46,222 |
| Sections 27 to 25, Rubber Factory to Voltigeurs street. | |
| 750 ft. by 120 ft by 9 ft. average thickness | 30,000 |
| Sections 25 to 23, Voltigeurs street to Beaudry street. | |
| 1,300 ft. by 170 ft. by 12 ft. average thickness | 98,222 |
| Sections 23 and 22, Beaudry street to Elevators. | |
| 500 ft. by 240 ft. by 12 ft. average thickness | 53,333 |
| Sections 22 to 20, Elevators to Victoria pier. | |
| 1,100 ft. by 160 ft. by 6 ft. average thickness | 39,111 |
| Victoria Pier, Section 20. | |
| Lower end, 100 ft. by 100 ft. by 15 ft. average thickness | 5,555 |
| Inshore end, 300 ft. by 50 ft. by 6 ft. average thickness | 3,333 |
| Patches, upper portion, aggregating | |
| 200 ft. by 50 ft. by 9 ft. average thickness | 3,333 |
| Jacques-Cartier Pier. | |
| 500 ft. by 100 ft. by 3 ft. average thickness | 5,555 |
| Shore Wharf, Section 17. | |
| 200 ft. by 50 ft. by 2 ft. average thickness | 740 |
| Total approximate quantity of ice on wharfs | 787,829 |

The clearing of the ice from the steamship sheds, ferry steamer berths and other aces first required for use, was commenced on April 18, and practically completed by ay 6. A large force of men and horses were employed, as many as 975 men and 25 rters being engaged at one time.

The cost of clearing was: Wages of men and horses and cost of tools, $7,820.29; ating derricks, $870.00; total, $8,690.29.

The following are the chief items of repairs done in 1901 :—

*Section 5, Windmill Point.*—Four hundred lineal feet of coping, and 4,460 ft. M. of top planking were renewed.

*Sections 5 to 9, Windmill Point.*—Guard fences for saving life were put up across e raceways from the Mill street factories.

*Sections 9 to 11.*—Access roadways were made to the lower end of the Windmill oint wharf by taking away and levelling down some of the earth spoil banks made by e Connors Syndicate in excavating the foundation pit for a proposed grain elevator,

and by planking a part of the railway track. Wharf coping of 300 feet in length was renewed in section 10

Heavy repairs were made to the timber work of the wharf at and near the entrance of the Lachine canal. New face timbers, four courses in depth, and new ties and sleepers for the top planking were put in ; 520 lin. ft. of the top planking and 245 lin. ft of the face planking, and 338 lin ft. of coping were renewed. A cast iron mooring post was put in near the entrance of the old lock.

*Section 16.*—Repairs were made to the top of the old pile wharf on the site of the former shed of the Dominion SS. Co., namely by the addition of a course of old planking, so as to make it safe for heavy traffic until the latter part of summer when the whole wharf would be removed to make way for the harbour improvement works.

*Section 18.*—The downstream corner of the entire end of the Jacques Cartier pier, which was damaged by having two courses of timbers stove in by an ice shove, was repaired by renewing the timbers.

*Section 20.*—A new stairway for the convenience of those using small boats was made in the upstream side of the Victoria pier, at its junction with the new shore wharf, by cutting a recess 6 ft. wide in the cribwork face of the pier and building the stairway into it.

Loose plank platforms and footways leading to them were laid down at the berths of the various river steamers, as in 1900. A plank crossing was also laid from the paved part of Victoria pier to the new Victor street ramp, and a stairway built from it to the ramp for the convenience of passengers to and from the boats.

A break of 35 ft. long and about 5 ft high, which was made in outer side of the Victoria pier by the shoving of the ice, was repaired.

*Sections 23 and 24.*—About 250 lin. ft. of the timber face of wharf in section 23, which had been damaged by ice, was rebuilt early in spring to a depth of 3 ft. from the top, and the roadway in rear was filled up and macadamized.

About 250 lin. ft. of the face of the wharf, in section 24, which had been damaged by ice, as in section 23, was also rebuilt in spring to a depth of 3 ft. from the top.

The cribwork at the Donaldson SS. line berth is old, and has for several years been in weak condition by the necessity of dredging the basin in front to a considerably greater depth than is the foundation of the cribs. Piles were driven some years ago to strengthen it and retain its filling but they were much damaged by the ice of the preceding winter, and in July of 1900, after a very heavy rainstorm, about ft. in length of the cribwork canted forward out of line and the back filling settled down 3 to 5 ft. Repairs were made by driving 42 new piles, averaging 45 ft. in length each, and cutting off and securing both new and old piles to the face of the wharf at about 6 ft. above low water level, and also by anchoring the cribwork by 20 anchor bolts of 64 ft. length by 1½ ins. diameter placed at about ft. below the top level of the wharf. Both timber work and back filling were also built up to normal level and otherwise made as good as practicable.

*Section 26.*—The timber work of the wharf, which had been damaged by ice, was repaired by removing three courses of face timbers throughout 65 feet in length, the face planking of 411 lin. ft. and the top planking of 118 lin. ft.

*Section 27.*—Damages done to the wharf by the ice were made good by renewing two courses of face timbers, the coping and top planking of 30 lin. ft. The face planking was also renewed throughout a length of 264 lin. ft.

*Section 28.*—Damage done to the timber work of the wharf was repaired by the renewal of four courses of face timbers and some ties, throughout 151 lin. ft., the coping of 156 lin. ft., the top planking of 135 lin. ft., the face planking of 272 lin. ft., and the filling up of 140 lin. ft. of the cribwork in which the filling had sunk down some 6 ft.

*Section 29.*—Damages done by the ice were repaired by the renewal of four courses of face timbers, and some ties, throughout 179 lin. ft. of wharf, the coping of 229 lin. ft., the top planking of 254 lin. ft., and the face planking of 263 lin. ft.

*Section 30.*—Thirty lin. ft. of the top of the wharf was re-planked.

*Section 31.*—Two courses of face timbers and the coping were renewed on a length of 54 ft. and the top planking on 102 ft. of the wharf.

*Section 32.*—Part of the wharf, which had been badly damaged by ice, was repaired by the renewal of eight courses of face timbers, throughout 100 ft. in length, the coping of 250 ft., and the replacing of some filling which had sunk down.

*Section 33.*—The coping of 268 lin. ft., the top and face planking of 200 lin. ft., and the wharf were renewed.

*Sections 33 and 34.*—The timber work of the wharf was considerably damaged by the ice, and also lowered below proper elevation by the foundation having been scoured out by strong winter currents. Repairs were made by building up the top an average of 3 ft. in height and 250 ft. in length, and renewing the top beams and planking of 287 lin. ft., and also by replacing the filling stuff which had gone down.

*Section 34.*—A subsidence of about 12 ft. by 12 ft. by 10 ft. in depth under one of the railway tracks was refilled and the timber and planking repaired.

*Sections 35 to 38.*—Much of the timber work of the wharf continued to sink, as in former years, under the tracks which carry the heavy coal towers, and also under the railway tracks. Examination by divers showed that the wharf cribs are sound, but that throughout a length of 380 ft. they have been more or less undermined by strong winter scours. Repairs were made by driving a row of piles along 168 ft. of the front, lifting 1 062 lin. ft. of tracks and blocking up the timbers and ties, replanking 468 lin. ft. of the top of the wharf and 410 lin. feet of the face, and renewing 685 lin. ft. of coping.

The timber work of the Notre Dame street side and the lower ramp, which was built in 1891, had become so much weakened by decay as to be no longer safe, and it was renewed in cedar.

*Section 39.*—A subsidence of the filling of the cribwork 100 ft. in length by 3 ft. average depth was filled up and the top planking renewed.

*Section 40.*—The timber work of the wharf, which had been damaged by ice, was repaired by the renewal of two courses of face timbers, some ties and the coping throughout 251 ft. in length, the face planking repaired and 302 lin. ft. of the top planking renewed.

*Sections 42 and 43.*—The shore wharf was much damaged by the ice, and repairs were made by the renewal of the top and three courses of the face throughout a length of 1,072 feet.

The pier of section 43 was much damaged by the shoving of the ice and the strong winter current of water over it. The railway tracks were more or less displaced, the macadamizing of the roadways much ploughed up and carried off, the planking and timber work of the top and of the upper side and outer end faces were ground down and broken in many places. the down stream outer corner was torn away, and the downstream face somewhat damaged also.

Repairs were made by regrading and macadamizing the whole top of the pier, the renewal of the top planking throughout about 500 lin. feet, the face planking of 205 lin. feet and 425 feet of coping. The downstream outer corner which had been torn away to a depth of 9 feet below low water, was built up to within a foot of low water level with concrete in bags, and above that with the usual cribwork and planking.

*Section 46.*—The pier was somewhat damaged by the winter scour and ice, and repairs were made by the renewal of 150 lin. feet of top planking and 90 lin. feet of face planking and of a large part of the coping.

*General Repairs.*—The roadways of the wharfs were kept in general good condition, except on the Jacques Cartier and Alexandra piers, where the filling being new and soft, keeps sinking irregularly and making depressions into which water gathers and the macadamizing is softened.

The roadways of the shore wharf between the Canal entrance and the Victoria pier was also kept in poor condition and much reduced in available width by the work of building new wharfs on one side and the flood protection wall on the other, and by the necessary moving of the positions of the railway tracks in several places.

The stone for macadamizing was, as usual, furnished unbroken, by contractors, and broken by the Commissioners' men during the winter. The quantities used during summer for maintenance were :—

| | Toises. |
|---|---|
| Sections 5 to 10 | 47 |
| Sections 12 to 20 | 251¾ |
| Sections 21 to 30 | 159 |
| Sections 31 to 40 | 101 |
| Sections 41 to 47 | 125½ |
| Total | 684¼ |

The latrines, drinking troughs, wagons, water carts, barrows, life preservers, &c., were thoroughly repaired during the winter and spring.

The timber work of the wharfs, besides the larger repairs above noted, had many light repairs and was kept in good condition throughout.

*Railway Tracks.*—The railway tracks of the harbour, on sections 13 to 18, were moved at different places and different times in order to make room for the widening of Common and Commissioners streets, the building of the flood protection wall for the city, and the building of the new wharfs.

*Electric Lighting.*—The harbour lighting was continued throughout the summer by the Royal Electric Company, under the contract of 1899. Lighting was commenced on the evening of April 23, with three lamps, and a few more were added daily. On May 1, 54 lamps were in use, and the number was gradually increased to 108 lamps on the 13th, and by the 25th the whole circuit of 127 lamps was in use. Two of the lamps which were not required were taken off in August, and the remaining 125 lamps were kept in operation until the night of November 27, when the Windmill Point and Hochelaga lights were discontinued. The lighting of the central portion of the harbour was continued until December 8, and three lights were kept burning at the Longueuil ferry wharf until December 24, when the boat ceased running.

The greatest number of lamps in use at one time was 127 and the total lighting of the season was equivalent to 25,604 lamps for one night. The total cost was $4,009.10.

## DREDGING AND DREDGING PLANT.

The dredging plant used in 1900 was all owned by the Harbour Commissioners, and it consisted of four dipper dredges, five floating derricks, one drilling and blasting boat, five tug boats, twenty-one flat deck-scows, three hopper-bottom scows, a testing boat and a floating shop. Dimensions and other particulars of the different vessels are given in the annexed tables. In addition to the plant which was used on the works, the Commissioners have the old No. 2 derrick which is not now fit for hard service.

All the dredging plant, except Dredge No. 1, was wintered afloat near the Guard pier, opposite the new workshops. Dredge No. 1, which had been hauled out for repairs at the close of navigation in 1900, was wintered on the Commissioners' hauling-out ways close to the new shops.

On April 14 the whole field of ice within the Guard pier was moved upward toward Windmill Point, and the moving field carried the dredging fleet with it a distance of about 100 feet toward the canal entrance. No harm was done to the vessels of the fleet.

The following are the principal items of repairs made to the vessels during the year :—

The repairs to the hulls and machinery of the dredging fleet were, as usual, made by the Commissioners' own men, with the exception of some heavy machine work and forging, which were done at neighbouring shops. Iron bars and castings were procured partly in Montreal and partly in the United States. The repairs to both dredges and derricks were heavy, mainly for the reason that they were worked both day and night, and that the dredging, when not in rock, was in very tough silt, which required the utmost power of the dredges to break it up.

The dredges were served throughout the summer by the tugs *St. Peter*, *St. Louis*, *Aberdeen* and *Robert Mackay*. Service was also rendered about half the time by the *Courier* in carrying men and stores, and occasionally in towing scows, the other half of the service being given to the towing of timber for wharf building.

The dredges were somewhat delayed in getting to work in spring because of delay in giving authority to engage the crews, but all continued steadily from their dates of commencement until the close of navigation in the fall.

Dredge No. 1 worked night and day from May 9 till November 27, No. 2 from May 8 till Nov. 27, No. 3 from May 2 till Nov. 28, and No. 4 worked by day only from May 7 to Nov. 28.

The aggregate number of shifts or watches during which they were on duty on the harbour works, reckoning all days of the day dredge and all nights and days of the night and day dredge, except those of Sundays and holidays, was: For No. 1, 340 day and night shifts; for No. 2, 339 day and night shifts; for No. 3, 355 day and night shifts and for No. 4, 180 day shifts, making in all 1,214 shifts. The nominal working hours of each shift were eleven, except in spring and fall, when they were ten; and the aggregate for all the dredges throughout the season was 13,027½ hours. The aggregate of actual working time, that is the time which the dredges actually dredged, exclusive of that lost for repairs, changing positions, detention by ships, irregularities of scow service and all other causes, was 9,687¾ hours, or an average of 74·4 per cent, of the nominal working hours. The percentage of time of actual working is rather small, mainly because of the conditions incident to night work. Repairs, changing of buckets, changing of places of work, overtaking irregularities in scow service and such like, which, when working by day only could be made good by overtime, must, when working both night and day, be made good in working hours, and therefore involve detention.

Derricks Nos. 1 and 3 commenced night and day work on 25th April, clearing ice off wharfs; No. 4 commenced night and day work on 3rd May; No. 5 commenced on 7th May and worked by day only; No. 6 commenced day work on 17th May. Derrick No. 6 worked for 18 nights in August.

Day and night work was stopped on all the derricks between November 27th and 28th.

Drilling and blasting was commenced by the drill boat on 13th May and work was continued until November 23.

The total outlay for working the whole fleet, except the drill boat, was $190,241.74, which embraces the entire cost of working the plant and machinery, including repairs, outfit, wages, salaries, management charges, insurances, allowance for depreciation of plant, and all charges, of every kind, except interest on capital. The allowance for depreciation of plant is $17,096.24 and it includes not only the estimated depreciation of the plant in use in 1900, but that upon all the Commissioners' dredging plant whether in use or not. It is also to be noted in making comparison with previous years, that depreciation was not included in the cost of dredging in any year previous to 1899.

The cost of maintaining and working the four dredges and the tugs and scows which served them, was $140,010.42, or an average of $115.33 per day per dredge.

The cost of maintaining and working the five floating derricks for unloading scows was $50,231.32, or $35.80 average per day for 1,403 days' aggregate service.

The following are the comparative quantities and costs of dredging and unloading for 1901 and for previous years— :

| Years. | Cubic Yards Dredged. | Total Cost. | Cost per Cubic Yd. | Remarks. |
|---|---|---|---|---|
| | | $ | cts. | |
| 1875 | 151,719 | 68,979 | 45 | |
| 1876 | 156,082 | 55,462 | $35\frac{50}{100}$ | |
| 1877 | 173,499 | 45,103 | 26 | |
| 1878 | 211,731 | 48,748 | 23 | |
| 1879 | 189,609 | 41,006 | $21\frac{63}{100}$ | |
| 1880 | 186,430 | 46,914 | $25\frac{15}{100}$ | |
| 1881 | 170,764 | 54,128 | $31\frac{68}{100}$ | |
| 1882 | 187,339 | 53,598 | $28\frac{60}{100}$ | Spoon dredges and stone lifters. |
| | 9,429 | 13,254 | $\$1.40\frac{60}{100}$ | Elevator dredges. |
| | 196,768 | 66,852 | $33\frac{96}{100}$ | Totals and average. |
| 1883 | 36,358 | 17,956 | $49\frac{38}{100}$ | Spoon dredges and stone lifters. |
| | 6,990 | 19,385 | $\$2.77\frac{30}{100}$ | Elevator dredges; lifting rock and boulders and clearing up. |
| | 43,348 | 37,341 | $86\frac{14}{100}$ | Totals and average. |
| 1884 | 125,648 | 49,468 | $39\frac{37}{100}$ | Spoon dredges and stone lifters. |
| 1885 | 69,494 | 28,563 | $41\frac{10}{100}$ | " " " |
| 1886 | 57,728 | 25,772 | 44 | " " " |
| 1887 | 36,993 | 23,259 | 62 | " " " |
| 1888 | 73,150 | 36,690 | $50\frac{16}{100}$ | " " " |
| | 2,077 | 1,333 | $64\frac{10}{100}$ | Elevator dredges. |
| | 75,227 | 38,023 | $50\frac{54}{100}$ | Totals and average. |
| 1889 | 205,283 | 54,574 | $26\frac{58}{100}$ | Spoon dredges and stone lifter. |
| | 9,420 | 2,996 | $31\frac{80}{100}$ | Elevator dredge. |
| | 214,703 | 57,570 | $26\frac{81}{100}$ | Totals and average. |
| 1890 | 186,670 | 53,674 | $28\frac{60}{100}$ | Spoon dredges and stone lifter. |
| 1891 | 259,267 | 49,571 | $19\frac{12}{100}$ | Spoon dredges. |
| | 43,290 | 14,232 | $32\frac{87}{100}$ | Elevator dredge. |
| | 302,557 | 63,803 | $21\frac{8}{100}$ | Totals and average. |
| 1892 | 361,947 | 93,595 | $25\frac{58}{100}$ | Spoon dredges. |
| 1893 | 235,280 | 93,950 | $39\frac{95}{100}$ | " |
| 1894 | 312,430 | 98,858 | $31\frac{64}{100}$ | " |
| 1895 | 496,528 | 99,400 | $20\frac{02}{100}$ | " |
| 1896 | 401,938 | 103,317 | $25\frac{70}{100}$ | " |
| 1897 | 284,844 | 68,211 | $23\frac{95}{100}$ | " |
| 1898 | 456,458 | 61,012 | $13\frac{37}{100}$ | " |
| 1899 | 963,131 | 100,163 | $10\frac{77}{100}$ | " |
| 1900 | 1,323,871 | 163,541 | $12\frac{25}{100}$ | " |
| 1901 | 1,359,221 | 190,242 | 14 | " |

The cost and character of the dredging in different parts of the harbour in 1 are given below. All the quantities are either scow measurements from the tall number of flat deck and dumper scow loads of measured average capacity, or box m surement from the tallied number of boxes placed on scows, containing four cubic ya per box.

The cost of dredging in each case includes its proportion of all the costs of ma taining and working the dredges, tugs and scows, as explained on p. 23, but does include the cost of unloading the dredgings from scows by derricks, which is separat given.

*Sections 5 to 11, Windmill Point Basin.*—Chiefly shale and trap ledge rock, partly blasted and partly unblasted, with some hard pan and mud. Total quantity dredged, 56,622 cubic yards, scow and box measurement; average cost 11·17 cents per cubic yard; depth to which dredging was done, 30 to 38 feet. Unloading the dredgings by floating derricks and filling into or behind cribwork of new wharves, 4·71 cents per cubic yard additional.

*Sections 12 to 15.*—Dredging sites for cribwork, widening and deepening main channel and deepening basins, depth 30 to 40 feet; quantity 790,204 cubic yards, box and scow measurement; cost 9·66 cents per cubic yard. Unloading by derrick, 4·71 cents per yard additional.

*Sections 16 and 17.*—Dredging foundation sites for cribwork for the new wharves, main channel past the ends of the new piers, dredging out the cribwork, pile work, crib-filling of the Island wharf and the ancient island which formed its centre, shale hard-pan, stones, silt and sand; depth 30 to 40 feet; quantity, 252,670 cubic yards, scow and box measurement; cost 9·96 cents per cubic yard. Cost of unloading by derricks, 4·71 cents per cubic yard additional.

*Sections 18 and 19.*—Deepening shoal places; gravel, stones and silt; 30 to 36 feet depth; quantity, 7,950 cubic yards, box and scow measurement; cost 8.4 cents per yard. Unloading by derricks, 4.71 cents per yard additional.

*Sections 20 to 21.*—Cleaning out steamship berths; 28 to 35 feet depth; hard-pan silt, sand and stones; quantity, 37,350 cubic yards; cost 8·40 cents per yard. Unloading by derricks, 4·71 cents per yard additional.

*Sections 27 to 32.*—Deepening in front of wharves in Molson's shoal; depth 30 to 35 feet; hard-pan, stones and silt; quantity, 214,425 cubic yards; cost 13 cents per yard. Unloading by derricks, 4·71 cents per yard additional.

*Aggregate Dredging.*—The aggregate quantity dredged at all places during the year was 1,359,221 cubic yards, box and scow measurement, and the average cost was 10.31 cents per yard. Of this quantity 293,610 cubic yards was carried and discharged by dumping scows, the cost of which is included in the dredging. The remaining 1,065,611 cubic yards was carried on flat scows, either on the open deck from which it was unloaded by clam shells and floating derricks, or in four-yard boxes which were lifted and dumped by the derricks. All the dredged stuff thus unloaded by derricks was deposited in or behind cribwork for wharf building, and on the guard pier. The average cost of the whole derrick work, apart from the scow service, was 4·71 cents per cubic yard, scow or box measurement.

*Rock Blasting.*—The rock drilled and blasted was Utica shale and trap, the trap being imbedded in the shale in beds, veins and pockets, in the proportion of about one-half of trap to one half shale; grade line of finished bottom, 40 feet to 32 feet below water surface at the time of working.

| | |
|---|---|
| Working days, May 13 to November 23 | 161½ days |
| Working time per day | 11 hours |
| Number of holes drilled and blasted | 3,751 holes |
| Average depth of each hole, in rock | 8·38 feet |
| Average depth of each hole from surface of water | 35·75 " |
| Average quantity of rock drilled and efficiently blasted, measured in solid to 6 inches below finished bottom | 33·396 cubic yds. |
| Total cost, including depreciation of plant | $18,468.48 |
| Cost per cubic yard, measured in solid | 55·3 cents |

Appended are tables giving additional particulars of the dredging work and dredging plant in 1901.

Yours respectfully,

JOHN KENNEDY, *Chief Engineer.*

## List of Harbour Commissioners' Dredging Plant, 1901.

| Description of Vessel. | Hull. | | | | Engines. | | | | | Capacity of Bucket. | Depth to which Dredge can work. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Length. | Breadth | Depth. | When Built. | Kind of Engine. | No. of Cylinders. | Dia. of Cylinders. | Length of Stroke. | Pressure of Steam. | | | |
| *Dredges.* | Ft. in. over all. | Ft. in. Beam. | Ft. in. over all. | | | | Inches. | Inches. | | C. Yds. | | |
| Boom Spoon Dredge, No. 1. | 90 0 | 36 0 | 9 6 | 1890-1 | Horizontal non-condensing. | 2 | 16 | 18 | 110 | 7 | 40 | Wooden hull. |
| " " " No. 2. | 90 0 | 36 0 | 10 3 | 1892 | | 2 | 16 | 18 | 128 | 7 | 40 | " " |
| " " " No. 3. | 90 0 | 36 0 | 10 3 | 1894 | | 2 | 16 | 18 | 120 | 7 | 40 | " " |
| " " " No. 4. | 90 0 | 36 0 | 10 9 | 1900 | | 2 | 16 | 18 | 140 | 7 | 40 | Steel hull. |
| *Derricks.* | | | | | | | | | | | | |
| Clam Shell Derrick, No. 1. | 76 0 | 27 6 | 8 0 | 1899 | Horizontal non-condensing. | 2 | 12 | 14 | 110 | ..... | ..... | Wooden hull. |
| " " No. 2. | 57 0 | 23 6 | 5 9 | 1872 | | 2 | 7 | 12 | 85 | ..... | ..... | " " |
| " " No. 3. | 76 0 | 27 6 | 8 0 | 1900 | | 2 | 12 | 14 | 110 | ..... | ..... | " " |
| " " No. 4. | 75 0 | 26 10 | 7 6 | 1892 | | 2 | 12 | 14 | 110 | ..... | ... | " " |
| " " No. 5. | 75 0 | 26 10 | 7 6 | 1892 | | 2 | 12 | 14 | 110 | ... | ..... | " " |
| " " No. 6. | 75 0 | 26 10 | 7 6 | 1892 | | 2 | 12 | 14 | 110 | .... | ..... | " " |
| Drilling and Blasting Boat | 80 0 | 27 0 | 5 6 | 1895 | ..... | ..... | ..... | ..... | 100 | .. | .... | Three 5-in steam drills. |
| *Tug Boats.* | | | Hold. | | | | | | | | | |
| Tug St. Louis | 67 6 | 15 0 | 8 7 | 1875 | Vertical non-condensing. | 1 | 16 | 20 | 85 | ..... | .... | Wooden hull, rebuilt in '91. |
| " St. Peter | 71 6 | 16 6 | 8 6 | 1875 | | 1 | 20 | 22 | 85 | ..... | .... | " " " |
| " Courier | 36 9 | 9 3 | 6 2 | 1900 | | 1 | 10 | 12 | 125 | ... | ..... | Composite hull. |
| " Aberdeen | 79 3 | 18 3 | 9 0 | 1895 | Vertical condensing. | 1<br>1 | 16<br>32 | 24 | 125 | ..... | ..... | Steel hull. |
| " Robt. Mackay. | 81 9 | 17 6 | 10 0 | 1899 | | 1<br>1 | 16<br>32 | 24 | 140 | ..... | ..... | " " |
| | | | Over all | | | | | | | | | |
| Testing Boat | 73 3<br>73 3 | 14 0<br>14 0 | 3 1<br>3 1 | 1897 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | Two wooden scows, braced 16 ft. apart. |
| Floating Shop | 135 0 | 29 0 | 10 0 | .. .... | ... ... ..... | ..... | .. ... | ..... | ..... | ..... | ..... | Wooden hull. |

| *Scows.* | | | | | Capacity. | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 Flat deck Scow, No. 6 | 70 5 | 18 0 | 5 0 | 1873 | 45 cubic yds | | | | | | | All wood. |
| 1 " " No. 11 | 70 0 | 18 3 | 5 1 | 1874 | 45 " | | | | | | | " |
| 1 " " No. 17 | 75 0 | 20 2 | 6 0 | 1876 | 67½ " | | | | | | | " |
| 1 " " No. 18 | 75 4 | 20 4 | 6 3 | 1876 | 67½ " | | | | | | | " |
| 1 " " No. 19 | 75 6 | 20 3 | 6 5 | 1878 | 67½ " | | | | | | | " |
| 1 " " No. 20 | 75 6 | 20 3 | 6 3 | 1878 | 67½ " | | | | | | | " |
| 2 " " Nos. 21 & 22 | 85 0 | 25 0 | 7 5 | 1891 | 150 " | | | | | | | " |
| 2 " " Nos. 23 & 24 | 85 0 | 25 0 | 6 9 | 1891 | 150 " | | | | | | | " |
| 6 " " Nos. 25 to 30 | 85 0 | 25 0 | 6 9 | 1892 | 150 " | | | | | | | " |
| 5 " " Nos. 31 to 35 | 85 0 | 25 0 | 6 9 | 1893 | 150 " | | | | | | | " |
| 2 Dump Scows, Nos. 36 & 37 | 106 0 | 26 10 | 9 6 | 1899 | 200 " | | | | | | | " |
| 1 " " No. 38 | 106 0 | 26 10 | 9 6 | 1900 | 200 " | | | | | | | " |

## HARBOUR DREDGING.

STATEMENT showing the Number of days worked by each Dredge and the Quantity Dredged at each place in the Harbour of Montreal in 1901.

| Dredges. | Places at which Dredging was done. | Time of Service. | | Quantity Dredged. | | Character of Soil. |
|---|---|---|---|---|---|---|
| | | Days. | Total. | Cubic yards. | Total yards. | |
| Dredge No. 1.. | Shoals and basins, sections 12 to 15 | 143 | | 212,150 | | Black rock, shale, hardpan and stones. |
| | Shoals and basins, sections 16 and 17 | 171 | | 205,050 | | Hardpan, silt, sand and stones; some rock. |
| | Clearing berths, sections 20 and 21 | 26 | 340 | 37,350 | 454,550 | Sand, gravel, stones, and timber. |
| " No. 2. | Shoals and basins, sections 12 to 15 | 324 | | 423,277 | | Black rock, shale, hardpan, sand, &c. |
| | Shoals and basins, sections 16 and 17 | 15 | 339 | 18,800 | 442,077 | Silt, quicksand and stone. |
| " No. 3. | Windmill Point, sections 5 to 11. | 53 | | 54,872 | | Black rock, shale, hardpan, mud, &c. |
| | Shoals and basins, sections 12 to 15 | 25 | | 26,525 | | Silt, sand and some rock. |
| | Shoals and basins, sections 16 and 17 | 16 | | 15,950 | | Hardpan, silt, sand and stones. |
| | Shoals and basins, sections 18 and 19 | 8 | | 7,950 | | Gravel, silt and sand. |
| | Molson's Shoal, sections 27 to 32 | 253 | 355 | 214,425 | 319,722 | Hardpan, silt, sand and boulders. |
| " No. 4. | Windmill Point, sections 5 to 11. | 4 | | 1,750 | | Black rock and shale. |
| | Shoals and basins, sections 12 to 15 | 167 | | 128,252 | | Hardpan, rock, stones and silt. |
| | Shoals and basins, sections 16 and 17 | 9 | 180 | 12,870 | 147,872 | Silt, sand and stones. |
| | Grand total | ..... | 1,214 | ..... | 1,359,221 | |
| Dredge No. 3. | Windmill Point, sections 5 to 11. | 53 | | 54,872 | | Black rock, shale, hardpan, mud, &c. |
| " No. 4. | " " .. | 4 | 57 | 1,750 | 56,622 | Black rock and shale. |
| " No. 1. | Shoals and basins, sections 12 to 15 | 143 | | 212,150 | | Black rock, shale, hardpan, stones, &c. |
| " No. 2. | " " .. | 324 | | 423,277 | | Black rock, shale, hardpan, stones, &c. |
| " No. 3 | " " .. | 25 | | 26,525 | | Silt, sand and some rock. |
| " No. 4. | " " .. | 167 | 659 | 128,252 | 790,204 | Rock, hardpan, silt and stones. |
| " No. 1. | Shoals and basins, sections 16 and 17 | 171 | | 205,050 | | Hardpan, silt, sand and stone; some rock. |
| " No. 2. | " " .. | 15 | | 18,800 | | Silt, quicksand and stones. |
| " No. 3. | " " .. | 13 | | 15,950 | | Hardpan, silt, sand and stones. |
| " No. 4. | " " .. | 9 | 211 | 12,870 | 252,670 | Silt, sand and stones. |
| " No. 3. | Shoals, sections 18 and 19 | 8 | 8 | 7,950 | 7,950 | Gravel, silt and stones |
| " No. 1. | Clearing basins, sections 20 and 21 | 26 | 26 | 37,350 | 37,350 | Sand, gravel, stones, timber, &c. |
| " No. 3. | Molson's shoal, sections 27 to 32. | 253 | 253 | 241,425 | 241,425 | Hardpan, silt, sand and boulders. |
| | Total | ..... | 1,214 | ..... | 1,359,221 | |

## HARBOUR DREDGING.

STATEMENT showing particulars of cost of working the different vessels employed in Harbour Dredging in 1901.

| Vessels. | Repairs and Maintenance. | Fuel. | Wages of Crews. | Proportion of Salaries of Staff. | Estimated Depreciation of Plant. | Grand Totals. | | Service, Days or Nights. | Cost per Day or Night. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Cost. | Total Cost. | | |
| | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | | p. c. |
| Dipper dredge No. 1 | 11,655 40 | 3,840 28 | 6,943 10 | 804 00 | 1,320 00 | 24,562 78 | ..... | 340 | 72 24 |
| " No. 2 | 8,657 71 | 3,649 43 | 6,952 92 | 690 82 | 1,580 00 | 21,530 88 | ..... | 339 | 63 53 |
| " No. 3 | 9,021 89 | 3,703 96 | 6,970 25 | 705 78 | 1,500 00 | 21,901 88 | ..... | 355 | 61 09 |
| " No. 4 | 4,096 82 | 2,223 93 | 3,784 51 | 362 10 | 2,710 87 | 13,178 23 | ..... | 180 | 73 21 |
| Totals | 33,431 82 | 13,417 60 | 24,650 78 | 2,562 70 | 7,110 87 | ..... | 81,173 77 | 1,214 | 66 86 |
| Floating derrick No. 1 | 1,280 05 | 1,959 08 | 5,238 97 | 303 78 | 902 31 | 9,684 19 | ..... | 356 | 27 20 |
| " No. 3 | 1,989 68 | 2,126 56 | 5,506 77 | 344 76 | 939 98 | 10,907 65 | ..... | 354 | 30 81 |
| " No. 4 | 4,315 55 | 1,663 08 | 4,963 26 | 392 04 | 592 00 | 11,925 93 | ..... | 322 | 37 03 |
| " No. 5 | 2,907 65 | 910 17 | 4,318 27 | 291 79 | 492 00 | 8,928 88 | ..... | 180 | 49 60 |
| " No. 6 | 3,659 99 | 1,277 49 | 3,068 56 | 286 80 | 491 83 | 8,784 67 | ..... | 191 | 45 99 |
| Totals | 14,152 92 | 7,945 38 | 23,095 83 | 1,619 17 | 3,418 02 | ..... | 50,231 32 | 1,403 | 35 80 |
| Tug Robert Mackay | 1,317 96 | 3,228 79 | 4,059 41 | 308 30 | 997 66 | 9,892 12 | ..... | 439 | 22 53 |
| " Aberdeen | 1,357 23 | 3,158 68 | 3,812 92 | 298 45 | 950 00 | 9,577 28 | ..... | 449 | 21 33 |
| " St. Peter | 1,047 14 | 1,939 60 | 3,659 83 | 238 12 | 100 00 | 6,984 69 | ..... | 432 | 16 17 |
| " St. Louis | 961 37 | 1,234 65 | 1,760 99 | 141 77 | 40 00 | 4,138 78 | ..... | 237 | 17 46 |
| " Courier | 288 94 | 307 69 | 1,044 07 | 58 73 | 161 77 | 1,861 20 | ..... | 228 | 8 16 |
| Totals | 4,972 64 | 9,869 41 | 14,337 22 | 1,045 37 | 2,229 43 | ..... | 32,454 07 | 1,785 | 18 18 |
| Scows and plant not in use | 21,282 08 | ..... | ..... | 762 58 | 4,337 92 | 26,382 58 | 26,382 58 | | |
| Grand totals | 73,839 46 | 31,232 39 | 62,083 83 | 5,989 82 | 17,096 24 | ..... | 190,241 74 | | |

## HARBOUR DREDGING.

**STATEMENT** showing Cost of Harbours Commissioners' Dredging by different Dredges, with their proportion of Tug and Scow Service for 1901.

| Vessels. | Dredge Service. | Tug Service. | Scow Service and Sundries. | Dredge with Tug and Scow Service added. | Time of Service. | Cost per Working Day of Dredge. | Quantity Dredged. | Average cost per cubic yard. | Additional cost for unloading by derricks. | Proportions of Materials Dredged. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cost. | Proportion of Cost. | Proportion of Cost. | Cost. | Days or Nights. | | | | | Earth. | Rock. |
| | $ cts. | $ cts. | $ cts. | $ cts. | | $ cts. | c. yds. | cts. | cts. | p. c. | p. c. |
| Dipper dredge No. 1 | 24,562 78 | 9,089 30 | 7,388 86 | 41,040 94 | 340 | 120 70-7 | 454,550 | ·0903 | ·0471 | 98 | 02 |
| " 2 | 21,530 88 | 9,062 57 | 7,367 12 | 37,960 57 | 339 | 111 97-8 | 442,077 | ·0859 | ·0471 | 96 | 04 |
| " 3 | 21,901 88 | 9,490 20 | 7,714 84 | 39,106 92 | 355 | 110 16 | 319,722 | ·1223 | ·0471 | 83 | 17 |
| " 4 | 13,178 23 | 4,812 00 | 3,911 76 | 21,901 99 | 180 | 121 67-7 | 142,872 | ·1533 | ·0471 | 76 | 24 |
| Total and averages | 81,173 77 | 32,454 07 | 26,382 58 | 140,010 42 | 1,214 | 155 33 | 1,359,221 | ·1031 | ..... | 91½ | 08½ |

NOTE.—For full particulars of materials dredged at different places by the various dredges, see detailed statements in the preceding report.

# APPENDIX No. 3.

## REPORT OF THE MONTREAL HARBOUR COMMISSIONERS FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1901.

*(This report incomplete.)*

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## REPORT OF THE HARBOUR MASTER OF THE PORT OF MONTREAL, FOR THE YEAR 1902.

HARBOUR MASTER'S OFFICE,
MONTREAL, December 31, 1902.

DAVID SEATH, Esq.,
Secretary Harbour Commissioners,
Montreal.

SIR,—I beg to submit for the information of the Harbour Commissioners of Montreal, the following as my annual report for the year ended 31st December, 1902. Appended thereto will be found seven comparative statements showing respectively for the past ten years:

1. The number, tonnage and classification of sea-going vessels that arrived in port;
2. Those that arrived from the Maritime Provinces;
3. Number and tonnage of inland vessels;
4. The dates of the opening and closing of navigation, &c.;
5. The number and tonnage belonging to the different nationalities;
6. The number and tonnage of vessels consigned to the different agents;
7. Number and tonnage of sea-going and inland vessels.

From these statements it will be seen that 758 sea-going vessels arrived in port during the past season, with tonnage of 1,541,272 tons, an increase of sixteen vessels and 88,224 tons over the previous year.

Of these vessels 730 were built of iron and steel, with a tonnage of 1,533,007 tons; and twenty-eight were built of wood, with a tonnage of 8,265 tons.

Of inland vessels there arrived 9,395, with a tonnage of 1,885,250 tons, an increase of 945 vessels, and 202,064 tons, making a grand total of vessels of all classes of 10,153 vessels, and a tonnage of 3,426,522 tons, an increase of 961 vessels of all classes, and 290,288 tons, over the previous year.

Some of the principal items of exports and imports (as obtained from the best sources of information) were:—

*Exports.*

LUMBER.—To the United Kingdom and continental ports:

| 1902. | 1901. |
|---|---|
| 240,472,113 feet. | 222,424,850 feet, an increase of 18,047,263 feet. |

LUMBER.—To the River Plate:

| 1902. | 1901. |
|---|---|
| 353,492 feet. | 863,067 feet, a decrease of 509,575 feet. |

| | 1902. | 1901. |
|---|---|---|
| GRAIN.—Wheat, | 16,888,505 bushels. | 13,594,686 bushels. |
| Corn, | 239,792 " | 4,059,790 " |
| Peas, | 413,885 " | 719,520 " |
| Oats, | 1,931,636 " | 2,453,949 " |
| Barley, | 262,958 " | 636,752 " |
| Rye, | 878,409 " | 769,298 " |
| Flaxseed, | 330,399 " | 669,634 " |
| Buckwheat, | 163,677 " | 89,453 " |
| Total | 21,109,261 " | 22,993,082 " |

Showing a decrease of 1,883,821 bushels.

| | 1902. | 1901. | | |
|---|---|---|---|---|
| Flour..... | 659,395 barrels. | 524,494 barrels. | Increase ... | 134,901 barrels. |
| Meal ..... | 24,811 " | 34,982 " | Decrease.... | 10,171 " |
| Eggs..... | 158,310 cases. | 200,215 cases. | " .... | 41,905 cases. |
| Cheese..... | 2,112,662 boxes. | 1,783,031 boxes. | Increase .... | 329,631 boxes. |
| Butter..... | 539,553 p'kgs. | 406,862 p'kgs. | " .... | 132,691 p'kgs. |
| Apples..... | 508,890 barrels. | 121,528 barrels. | " .... | 387,362 barrels. |
| Cattle..... | 77,193 head. | 73,791 head. | " .... | 3,402 head. |
| Sheep..... | 45,831 " | 54,538 " | Decrease.... | 8,707 " |
| Horses..... | 549 " | 7,386 " | " .... | 6,837 " |

*Imports.*

| | 1902. | 1901. | | |
|---|---|---|---|---|
| Coal from Great Britain | 85,136 tons, | 83,849 tons. | Increase | 1,287 tons. |
| " United States, | 90,472 " | 341,163 " | Decrease | 250,691 " |
| " Maritime Prov., | 1,082,040 " | 911,008 " | Increase | 171,032 " |
| Total | 1,257,648 " | 1,336,020 " | Decrease | 78,372 " |

Of the above quantities there were discharged :

| | 1902. | 1901. | | |
|---|---|---|---|---|
| In the harbour..... | 1,166,618 tons. | 1,245,795 tons. | | |
| In the canal..... | 91,030 " | 90,225 " | | |
| Cement..... | 256,081 brls. | 261,416 brls. | Decrease | 5,335 brls. |
| Scrap iron ..... | 76,394 tons. | 20,367 tons. | Increase | 56,027 tons. |

NOTES.

There has been an increase of 16 ocean vessels and 88,224 tons, and an increase of 945 inland vessels and 202,064 tons making a total increase of 961 vessels of all classes and 290,288 tons, over the previous year.

As will be seen, the traffic was the largest in the history of the port, and with the very large improvements that have been carried out some inconvenience was suffered towards the close of the season, which was unavoidable, owing to the then existing circumstances.

The whole most respectfully submitted.

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

**Comparative Statement showing the Number, Tonnage and Classification of Sea-going Vessels that arrived in Port in the past ten years, with the dates of the greatest number in Port at one time.**

| Years. | Steamships. | Tonnage. | Ships. | Tonnage. | Barques. | Tonnage. | Brigs. | Tonnage. | Brigantines. | Tonnage. | Schooners. | Tonnage. | Total Number of Vessels. | Total Tonnage. | Number in Port. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1893 | 737 | 1,128,658 | 3 | 4,014 | 11 | 8,893 | .. | .. | 5 | 1,856 | 48 | 8,356 | 804 | 1,151,777 | 42, July 19 |
| 1894 | 684 | 1,079,313 | 3 | 4,324 | 14 | 9,609 | .. | .. | 5 | 901 | 28 | 2,762 | 734 | 1,096,909 | 32, May 23 |
| 1895 | 592 | 1,055,611 | 1 | 1,545 | 9 | 7,714 | .. | .. | 7 | 1,689 | 31 | 2,827 | 640 | 1,069,386 | 25, June 18 |
| 1896 | 669 | 1,200,543 | 5 | 7,350 | 6 | 4,003 | .. | .. | 9 | 2,052 | 20 | 2,520 | 709 | 1,216,468 | 37, July 29 |
| 1897 | 752 | 1,368,395 | .. | ..... | 8 | 3,958 | .. | .. | 7 | 1,745 | 29 | 4,904 | 796 | 1,379,002 | 40, " 28 |
| 1898 | 830 | 1,567,436 | 2 | 3,023 | 12 | 10,031 | .. | .. | 5 | 1,478 | 19 | 2,104 | 868 | 1,584,072 | 42, Aug. 1 |
| 1899 | 773 | 1,509,668 | .. | ..... | 7 | 3,530 | .. | .. | 3 | 1,048 | 18 | 3,365 | 801 | 1,517,611 | 39, July 29 |
| 1900 | 692 | 1,382,675 | .. | ..... | 2 | 891 | .. | .. | 4 | 875 | 28 | 9,415 | 726 | 1,393,886 | 27, June 28 |
| 1901 | 707 | 1,438,081 | .. | ..... | 4 | 2,240 | .. | .. | .. | ..... | 31 | 12,727 | 742 | 1,453,048 | 25, July 8 |
| 1902 | 729 | 1,531,891 | .. | ..... | 9 | 4,427 | .. | .. | .. | ..... | 20 | 4,954 | 758 | 1,541,272 | 29, Oct. 9 |

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

**Comparative Statement showing the Number, Tonnage and Classification of Sea-going Vessels that arrived in Port from the Maritime Provinces the past ten years.**

| Years. | Steamships. | Tonnage. | Ships. | Tonnage. | Barques. | Tonnage. | Brigs. | Tonnage. | Brigantines. | Tonnage. | Schooners. | Tonnage. | Total Number of Vessels. | Total Tonnage. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1893 | 333 | 324,188 | .... | .... | .... | ..... | 1 | 169 | .... | .... | 34 | 2,577 | 368 | 326,934 |
| 1894 | 349 | 362,945 | .... | .... | 3 | 2,323 | .... | .... | 4 | 609 | 23 | 2,230 | 379 | 362,107 |
| 1895 | 256 | 296,256 | .... | .... | .... | ..... | .... | .... | 5 | 1,070 | 30 | 2,734 | 291 | 300,060 |
| 1896 | 252 | 292,880 | .... | .... | 1 | 178 | .... | .... | 4 | 734 | 15 | 1,188 | 272 | 294,981 |
| 1897 | 298 | 364,936 | .... | .... | .... | ..... | .... | .... | 2 | 376 | 31 | 1,051 | 311 | 366,363 |
| 1898 | 327 | 372,274 | .... | .... | .... | ..... | .... | .... | .... | ..... | 14 | 1,397 | 341 | 373,671 |
| 1899 | 336 | 415,825 | .... | .... | .... | ..... | .... | .... | .... | ..... | 7 | 646 | 343 | 416,471 |
| 1900 | 279 | 352,002 | .... | .... | .... | ..... | .... | .... | 1 | 169 | 15 | 2,564 | 295 | 354,735 |
| 1901 | 282 | 434,140 | .... | .... | 1 | 999 | .... | .... | .... | ..... | 10 | 991 | 293 | 436,130 |
| 1902 | 311 | 466,671 | .... | .... | .... | ..... | .... | .... | .... | ..... | 11 | 2,063 | 322 | 468,734 |

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

COMPARATIVE STATEMENT Showing the Number and Tonnage of Inland Vessels that arrived in Port, the past ten years, with the greatest number in Port at one time.

| Years. | Number of Vessels. | Tonnage. | Greatest Number in Port at one time. |
|---|---|---|---|
| 1893 | 5,244 | 1,153,600 | 159, July 25 |
| 1894 | 4,666 | 979,809 | 158, May 20 |
| 1895 | 4,498 | 943,717 | 172, July 20 |
| 1896 | 4,832 | 1,004,117 | 165, June 11 |
| 1897 | 6,384 | 1,134,346 | 160, July 30 |
| 1898 | 6,941 | 1,807,892 | 200, Aug. 12 |
| 1899 | 8,877 | 1,899,097 | 216, July 28 |
| 1900 | 8,347 | 1,669,494 | 219, June 20 |
| 1901 | 8,450 | 1,683,186 | 167, June 28 |
| 1902 | 9,395 | 1,885,250 | 209, July 23 |

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the dates of the Opening and Closing of Navigation, first Arrival from Sea, and the last Departure for Sea, the past ten years.

| Years. | Opening of Navigation. | Closing of Navigation. | First Arrival from Sea. | Last Departure for Sea. |
|---|---|---|---|---|
| 1893 | April 24 | Dec. 4 | May 3 | Nov. 23 |
| 1894 | " 12 | " 26 | April 27 | " 24 |
| 1895 | " 20 | " 6 | " 27 | " 25 |
| 1896 | " 22 | " 19 | " 28 | " 23 |
| 1897 | " 17 | " 19 | " 30 | " 24 |
| 1898 | Mar. 31 | " 12 | " 26 | " 28 |
| 1899 | April 24 | " 30 | " 27 | " 29 |
| 1900 | " 21 | " 10 | " 26 | Dec. 3 |
| 1901 | " 21 | " 10 | " 25 | Nov. 25 |
| 1902 | " 3 | " 4 | " 17 | Dec. 4 |

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

STATEMENT showing the Nationality and Tonnage of Sea-going Vessels that arrived in Port during the Season of 1902, that were navigated by 30,949 Seamen.

| Nationality. | Number of Vessels. | Tonnage. |
|---|---|---|
| British | 556 | 1,200,274 |
| Norwegian | 165 | 285,991 |
| German | 14 | 28,665 |
| American | 20 | 21,369 |
| Danish | 2 | 4,453 |
| Austrian | 1 | 520 |

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

NUMBER and Tonnage of Sea-going Vessels, consigned to the following agents, during the season of 1902.

| Number. | Names of Firms. | Steam. | Tonnage. | Sail. | Tonnage. | Total Vessels. | Total Tonnage. |
|---|---|---|---|---|---|---|---|
| 1 | The Dominion Coal Co. | 210 | 385,616 | ..... | ..... | 210 | 385,616 |
| 2 | Elder, Dempster & Co. | 75 | 254,829 | ..... | ..... | 75 | 254,829 |
| 3 | H. & A. Allan | 74 | 236,360 | ..... | ..... | 74 | 236,360 |
| 4 | The R. Reford Co. | 86 | 190,364 | ..... | ..... | 86 | 190,364 |
| 5 | Furness, Withy & Co. | 47 | 121,573 | ..... | ..... | 47 | 121,573 |
| 6 | McLean, Kennedy & Co. | 50 | 103,360 | ..... | ..... | 50 | 103,360 |
| 7 | D. Torrance & Co. | 18 | 56,195 | ..... | ..... | 18 | 56,195 |
| 8 | J. R. Ellerman | 16 | 44,160 | ..... | ..... | 16 | 44,160 |
| 9 | The Canadian Forw. and Export Co. | 14 | 25,505 | ..... | ..... | 14 | 25,505 |
| 10 | Masters | 25 | 22,119 | 2 | 1,120 | 27 | 23,239 |
| 11 | J. G. Brock & Co | 25 | 19,859 | 5 | 495 | 30 | 20,354 |
| 12 | Intercolonial Coal Co. | 20 | 16,507 | ..... | ..... | 20 | 16,507 |
| 13 | Hy. Dobell & Co. | 25 | 15,160 | ..... | ..... | 25 | 15,160 |
| 14 | F. A. Routh & Co. | 9 | 11,771 | 3 | 1,129 | 12 | 12,900 |
| 15 | J. R. McCarthy | 7 | 8,158 | 2 | 584 | 9 | 8,742 |
| 16 | A. Baile | 6 | 5,946 | ..... | ..... | 6 | 5,946 |
| 17 | F. Leyland & Co. | 3 | 5,150 | ..... | ..... | 3 | 5,150 |
| 18 | Five others | 19 | 9,259 | 17 | 6,053 | 36 | 15,312 |
| | Total | 729 | 1,531,891 | 29 | 9,381 | 758 | 1,541,272 |

JAMES McSHANE,
*Harbour Master.*

## PORT OF MONTREAL.

**COMPARATIVE STATEMENT showing the Number and Tonnage of Sea-going and Inland Vessels that arrived in Port, the past ten years.**

| Years. | Sea-going. | | Inland. | | Grand Total. | |
|---|---|---|---|---|---|---|
| | Vessels. | Tonnage. | Vessels. | Tonnage. | Vessels. | Tonnage. |
| 1893 | 804 | 1,151,777 | 5,244 | 1,153,600 | 6,048 | 2,305,377 |
| 1894 | 734 | 1,096,809 | 4,666 | 979,909 | 5,400 | 2,076,718 |
| 1895 | 640 | 1,069,386 | 4,498 | 943,717 | 5,138 | 2,013,103 |
| 1896 | 709 | 1,216,468 | 4,832 | 1,004,117 | 5,541 | 2,220,585 |
| 1897 | 796 | 1,379,002 | 6,384 | 1,134,346 | 7,180 | 2,513,348 |
| 1898 | 868 | 1,584,072 | 6,941 | 1,807,892 | 7,809 | 3,391,964 |
| 1899 | 801 | 1,517,611 | 8,877 | 1,899,097 | 9,678 | 3,416,708 |
| 1900 | 726 | 1,393,886 | 8,347 | 1,669,494 | 9,073 | 3,063,380 |
| 1901 | 742 | 1,453,048 | 8,450 | 1,683,186 | 9,192 | 3,136,234 |
| 1902 | 758 | 1,541,272 | 9,395 | 1,885 250 | 10,153 | 3,426,522 |

JAMES McSHANE,
*Harbour Master.*

# APPENDIX No. 4.

## REPORT OF THE QUEBEC HARBOUR COMMISSIONERS FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

*(Under the Authority of the Quebec Harbour Commissioners' Act, 1899).*

QUEBEC, January 2, 1903.

To the Honourable RAYMOND PREFONTAINE,
Minister of Marine and Fisheries,
&c., &c., &c.,
Ottawa.

SIR,—In compliance with the requirements of the Quebec Harbour Commissioners Act, 1899, I have the honour to report as follows on the doings of the Quebec Harbour Commissioners for the year 1902.

### CHIEF ENGINEER'S REPORT,

The annexed report (marked 'A'), from the Chief Engineer, Mr. St. George Boswell, conveys information in regard to all matters coming under his care, such as the construction of new works, and the maintenance in proper order of the whole of the Commissioners' properties.

### WHARFINGER'S REPORT.

The annexed report (marked 'B'), from the Wharfinger, Mr. P. Flynn, gives the usual information regarding the number of vessels using the Louise Docks, and the railway traffic over this portion of the Commissioners' property during the year 1902.

### HARBOUR MASTER'S REPORT.

The annexed report (marked 'C'), from the Harbour Master, Mr. James C. Sullivan, gives information in regard to the opening and closing of navigation in the harbour, formation of ice, disposal of ballast, &c. During the past season no ballast was thrown into the river, all of it being utilized for filling purposes.

At St. Thomas, the Commissioners continue to employ the harbour master there, to supervise the discharge of ballast, and to see that the regulations concerning it are strictly obeyed.

### PREMISES LEASED.

Renewals for one year of the premises leased have been given to Messrs. E. M, Lennon & Co., John S. Thom, Quebec Coal Company, A. R. Pruneau & Co., Whitehead & Turner, Joseph Gingras, Benson & Borland, and G. M. Webster & Co., for their coal yard on the north side of the embankment.

### COAL DISCHARGING BERTHS.

Commissioners on the 26th April signed a lease with the Dominion Coal Company, Limited, for the new coal wharf, Inner Basin, for a term of fifteen years. Under the

provisions of this lease, the Dominion Coal Company are bound to erect on the leased premises a discharging plant of not less than fifty thousand dollars in value, and to bring to and discharge on it not less than 50,000 tons of coal during each year of the lease.

Another similar site, adjacent to that of the Dominion Coal Company, has been granted to and accepted by the Nova Scotia Steel and Coal Company. Although the lease for this site has not yet been signed it will be so in a few days, the arrangement being practically closed ; the conditions being precisely the same as those by which the Dominion Coal Company are bound.

On the 14th of February, the Vice-President of the International Coal Mining Company, accompanied by Mr. A. E. Scott, their Quebec agent, had an interview with the Commissioners, and then placed before them that company's aims in regard to the Quebec coal trade, and the accommodation that they would require.

### SHIPMENTS BY THE LEYLAND LINE.

The Leyland Line of steamers, running in connection with the Great Northern Railway loaded here fifteen full cargoes consisting of grain and other general products during the season of 1902. Details of these will be found in the Wharfinger's report.

It is expected by the Commissioners that this direct trade will be greatly increased during the coming season and that the two elevator berths will be fully occupied.

### GREAT LAKES AND ST. LAWRENCE TRANSPORTATION CO.

On the 4th of January, Commissioners came to a provisional agreement with Capt. A. B. Wolvin, of Duluth, Minn., or company to be organized by him, in regard to that gentleman's making Quebec the terminal and transhipping point for his fleet of lake vessels, inaugurating therewith ocean steamer connection, and shipping from Quebec at least 60,000 tons of freight during each season of navigation, twelve months' delay being allowed to Capt. A. B. Wolvin or company, to complete arrangements. A company has been formed by Capt. A. B. Wolvin, called the Great Lakes and St. Lawrence Transportation Company, and the Commissioners expect that during the coming season, this company will utilize to the fullest extent the advantages granted to them.

### COLD STORAGE WAREHOUSES.

The Commissioners have purchased from the Quebec Cold Storage and Warehouses Company, their plant and buildings, taking possession of same 1st of May last. The receipts over the operating expenses for the eight months that they have been worked by the Commissioners, show a surplus of $1,123.93.

### EXTENSION OF HARBOUR IMPROVEMENTS.

In March a special committee consisting of the chairman (Mr. J. B. Laliberté), Honourable John Sharples, Mr. N. Rioux and Mr. Etienne Dussault, accompanied by the Secretary and the Chief Engineer, proceeded to Ottawa, to place before the Honourable the Premier and his colleagues, the additional facilities required in Quebec for harbour improvements to accommodate the present and incoming trade. The Commissioners had an interview with the Premier and his colleagues, the Minister of Public Works, Minister of Justice and Solicitor General, Mr. Edwards, M.P., and Mr. Demers, M.P., for Levis County, being also present.

The committee placed before the Premier and the other members of the Government clearly and fully the requirements of Quebec in the way of extension of the harbour improvements. At the request of the Honourable the Minister of Public Works, the Chief Engineer (Mr. Boswell) remained in Ottawa to go into the details of the various schemes submitted, with the engineers of his department.

As an outcome of this visit and during the session of 1902, $100,000 was voted for the purpose of further improvements in the harbour of Quebec.

The Commissioners intend to continue to press upon the Government, the necessity for an immediate extension to the harbour accommodation in Quebec, which has proved inadequate for the present demands.

### BY-LAWS.

The Commissioners' by-laws dealing with the regulations for the government of the Harbour and Port of Quebec, and numbered from 1 to 100 inclusive, were approved by the Governor General in Council on the 12th of March and came into force by publication in the 'Canada Gazette' of Saturday, March 29.

Since then two more by-laws have been passed by the Commissioners and have received the necessary sanction and publication to give them effect, viz., No. 101, prohibiting smoking in the Commissioners' landing sheds, and fast driving over the Cross-wall draw-bridge, and No. 102, changing the coal regulations.

### REPAIRS TO PROPERTIES.

Careful attention has been paid during the year to the various properties of the Commissioners to maintain and bring them up to a first-class condition.

Details will be found in the Chief Engineer's report.

### EXPENDITURE ON CAPITAL ACCOUNT.

Particulars as to the expenditure on capital account will be found on a statement accompanying this report. The largest items under this heading are the new stores Nos. 21 and 22, which out of a total expenditure of $39,286.95, consumed $34,920.33. See Chief Engineer's report for details.

### REVENUE AND EXPENDITURE.

The revenue of the Commissioners for the year 1902 has been $94,770.64, an increase of $11,101.55 over that of 1901, and the expenditure (including the interest on $350,000.00 of First Preference Bonds) $73,161.27, leaving a surplus, which includes the $13,845.48 charged to the Department of the Interior for the ground occupied for immigration purposes of $21,609.37.

### DEATH OF THE HONOURABLE R. R. DOBELL.

The Commissioners have to record with feelings of the profoundest regret the death of the senior member of their Board, the late Honourable R. R. Dobell, M.P., P.C.

Mr. Dobell was first elected in 1873 to represent the Board of Trade on the Commission and since that time and up to the date of his lamented death had been continuously re-elected to represent the interests of that most important Corporation.

During his long term of office Mr. Dobell by his intimate knowledge with all matters connected with the shipping and commercial interests of this port, rendered the Commissioners and the community at large most valuable service.

### ELECTION BY BOARD OF TRADE.

At the meeting of the Commissioners held on the 23rd of January, a letter was received from the Secretary of the Board of Trade notifying that at a special meeting of their Council held that day, that their President, George Tanguay, Esq., M.P.P.,

had been elected as their representative on the Quebec Harbour Commission to complete the unexpired term of the late Honourable R. R. Dobell.

ACTING CHAIRMAN.

During the absence in Europe of the Chairman (Mr. J. B. Laliberté), Mr. Narcisse Rioux was the presiding officer, having been unanimously elected by the Board as Acting Chairman.

ICE CUTTING.

During the winter of 1901-1902, 91,948 blocks of ice have been cut for local use.

Care has been taken that all this ice cut for domestic purposes is perfectly pure and taken from localities in the harbour that have been selected after an analysis of the ice had been made.

To this report are annexed the various statements conveying the information yearly forwarded to your department in connection with the harbour, as also a complete statement of the Commissioners' accounts for the year.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
*Secretary-Treasurer.*

A.

HARBOUR ENGINEER'S OFFICE,
QUEBEC, January 2, 1903.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit, herewith, the following, with reference to the various works in connection with the maintenance and improvement of the harbour of Quebec, executed during the year 1902.

NEW WORK.

A timber framed freight shed, sheathed with galvanized iron, and having a floor area of 20,500 superficial feet, has been erected on the Point-à-Carcy extension pier. This shed was constructed in conjunction with the new grain conveyor, built along the river face of the Point-à-Carcy wharf, and connected by a cross gallery, with the Great Northern elevator.

The portion of the grain gallery running down the river front of the Point-à-Carcy extension, is supported on the roof of the new shed, in order to keep the wharf surface, between the face of the shed and the quay front, clear of supports.

The work of building the foundations, consisting of pile driving raising face of extension pier, constructing, repairing cribwork, &c., as also the preparing of the framing of shed, was begun in April; the actual erection was commenced during the first week in May, and the building was ready for use early in August.

Owing to the fact that salt, cement and other heavy goods, were apt to accumulate in the landing sheds, the Commissioners decided to have a building erected in which such articles could be stored for a limited time. A building for the above purpose has consequently been erected on the north face of the embankment, near the Immigration Building This store has a floor area of 21,200 superficial feet. The erection was begun in May, and by the middle of August the building was ready for use.

GENERAL.

The railway tracks, at the eastern end of the Embankment Shed No. 20, have been so arranged as to afford an exit from either end of shed. To accommodate the travelling cranes of the St. Lawrence Terminal Co., a duplicate track has been laid down between the face of this shed and the quay front, and a special track has been placed on the cross-wall.

Seven of the cast iron posts, on the Tidal Harbour quay front, have been removed and replaced by mooring rings, to allow of the passage of these cranes.

Road crossings have been laid down between the carriage roadway and the 21 shore doors of the Embankment Shed No. 20.

Twelve C. iron mooring posts have been placed in the quay wall of the wet dock, and two on the river face of the break-water, to replace wooden ones.

Extensive repairs have been made to the railway tracks reballasted on the embankment, some 2,000 ties having been renewed, new switch timbers put in, and the tracks reballasted throughout.

The railway line along the northern cribwork has also been protected by stone pitching placed between the track and the coping of cribwork. The entrance gates to

wet dock have been repaired and painted, and provided with an additional set of elm fenders.

The carriage roadway has been macadamized and kept in good order.

The roofs of sheds Nos. 13 and 14 have been repaired and painted.

A new foundation has been placed under the weigh house at Messrs. Madden & Son's coal yard; and generally, the whole of the Louise Embankment property has been kept in a good state of repair.

The railway tracks on the Point-à-Carcy extension pier have been taken up and relayed, so as to bring the cars along side the stone face of the new shed, with the car and shed floors on the same level; a roadway has also been laid down on this pier.

The flooring of the bond store No. 2, on the Point-à-Carcy wharf, has been raised up, so as to bring it above the reach of the highest tides.

The dwelling house occupied by the bridge engineer, on the Commissioners' wharf, has been repaired; the repairs consisting, in building up the rear brick wall, renewing the foundations under two of the side walls, renewing the flooring of the first flat, and repairing and painting roof.

Repairs to the surface planking of Reynards, Marmets, Atkinson's and the East India wharfs have been effected, and new fenders placed on the face of the Wellington wharf.

The Commissioners' dredge was loaned during a part of last season to the Quebec and Lake St. John Railway Company, for the purpose of dredging out a foundation for the cribwork block, which the railway company intend placing at the eastern end of their terminal property, facing on the wet dock. The dredge was engaged at this work, from the first week in July until the second week in September, after which date she was replaced by the Government Dredge No. 6, which continued the work until the close of the season.

During the remainder of the summer the Commissioners' dredge was employed removing deposits in the tidal harbour and wet dock; while at this work in the tidal harbour, she removed from the bottom of the basin two large pieces of ships' iron framing and plating, probably some of the remains of the wreck of the *Wylo* and from the wet dock, the remains of a sunken wooden barge, which had been carried up against the face of the new coal crib, and formed a dangerous obstruction at this berth.

The Government Dredge No. 6 from the opening of navigation, until the time she was loaned to the Quebec and Lake St. John Railway Co., was engaged in deepening the entrance of the tidal harbour; and although only able to work at extreme low tide, has succeeded in deepening the entrance by some six (6) feet.

The cross wall draw-bridge was operated for the first time the past season on April 3 and for the last time on December 6. The water was retained in the wet dock for the first time on April 24; and for the last time on December 4, on which date the gates were allowed to remain open, and were secured for the winter.

The tide not having risen sufficiently for the purpose, the entrance gates to wet dock were not opened the morning tide of October 10.

I have the honour to be, sir,
Your obedient servant,

(Sgd.) ST. GEO. BOSWELL,
*Chief Engineer.*

B.

QUEBEC, January 2, 1903.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commissioners,
Quebec.

SIR,—I have the honour to submit the following with reference to the traffic of the St. Charles' docks and wharfs.

During the past season sixty-eight (68) ocean mail steamers of two hundred and sixty-three thousand, seven hundred and forty-eight (263,748) tons register used the docks for landing immigrants, baggage, etc., and nine hundred and fifty (950) tons of western freight.

One hundred and sixteen (116) steamships of four hundred and one thousand five hundred and seventeen (401,517) tons register landed eighteen thousand and fifty-three (18,053) tons of general cargo.

Nineteen (19) steamships of twenty-two thousand eight hundred and thirty-five tons (22,835) register landed five thousand and eighteen tons (5,018) salt and one thousand nine hundred and thirteen (1,913) tons of cement.

Nine (9) sailing vessels of two thousand two hundred and twenty-three (2,223) tons register landed two thousand six hundred and seventy (2,670) tons of molasses.

Thirty-seven (37) steamships of fifty-three thousand one hundred and thirty-three (53,133) tons register landed eighty-one thousand four hundred and ninety-six tons (81,496) of coal.

Twenty-seven (27) barges of twenty-seven thousand one hundred and thirty-five (27,135) tons register landed thirty-two thousand nine hundred and ninety-four (32,994) tons of coal.

Four (4) lower port steamships of nine hundred and seventeen (917) tons register landed seven hundred and fifty (750) tons of coal.

Twenty-four (24) American barges of twenty-four hundred and sixty-nine tons (2,469) register landed four thousand and fifty (4,050) tons coal.

Fifty-three (53) lower port steamships of twelve thousand three hundred and forty-one (12,341) tons register, landed and shipped two thousand and fifty-five (2,055) of general cargo.

Forty-five (45) schooners and bateaux, landed one hundred and thirty-eight thousand five hundred and ninety-seven (138,597) railway ties.

Thirty-two (32) schooners of one thousand six hundred and ninety-six (1,696) tons register, landed and shipped twenty-two hundred and seventy-six (2,276) cords of pulpwood.

Six (6) steamers of fifteen thousand six hundred and ninety-one (15,691) tons register loaded full cargoes of lumber.

Three (3) sailing vessels of two thousand eight hundred and ninety-five (2,895) tons register loaded full cargoes of lumber.

Thirteen (13) steamers of thirty-four thousand eight hundred and ten (34,810) tons register loaded twenty-four thousand eight hundred and ninety-six (24,896) tons of pulp.

Twenty-eight (28) steamers of seventy-nine thousand nine hundred and ninety-three (79,993) tons register load part cargo of lumber, etc.

The Leyland Line Company Limited have shipped from the port of Quebec during the season as fellows :—

Fifteen steamships of sixty thousand one hundred and fifteen (60,115) tons register.

Shipped one million five hundred and eighty-seven thousand four hundred and nine (1,587,409) bushels of wheat.

Forty-two thousand four hundred and sixty (42,460) bushels of oats.

Six hundred and seventy-five (675) sacks of wheat.

Two hundred and eighty-three thousand four hundred and twenty-nine (283,429) sacks of flour.

Eleven thousand six hundred and six (11,606) sacks of oilcake.

Five thousand seven hundred and ninety-seven (5,797) standard of deals.

One thousand three hundred and eighty-one (1,381) standard shooks.

Eight thousand five hundred and twenty-three (8,523) cases of splints.

Two thousand six hundred and seventy-one (2,671) cases of blocks.

Twelve thousand seven hundred and seventy-four (12,774) bags of asbestos fibre.

Twenty-two thousand nine hundred and fifty-eight (22,958) doors.

Four hundred and forty-four (444) bundles of doors.

Two thousand three hundred and forty nine (2,349) bundles of mouldings.

Two hundred and two (202) cases bottle tops.

One hundred and thirty eight (138) brls. of pickets.

One thousand one hundred and forty-one (1,141) bales of wood pulp.

One thousand and ninety-seven (1,097) brls. of hardwood lumber.

Two hundred and eighty (280) bags of peas.

Eight thousand one hundred and fourteen (8,114) pieces of hardwood lumber.

Fourteen thousand three hundred and forty (14,340) cases canned salmon.

One hundred and sixty-one (161) packages of furniture.

Six hundred and eight (608) brls of salmon oil.

Twelve thousand two hundred and twenty-nine (12,229) packages of butter.

Four hundred and thirty-two (432) bales of hops.

Four thousand five hundred and eighty-four (4,584) cases of goods.

Three thousand two hundred and ninety-nine (3,299) bags of asbestos sand.

Two thousand and two (2,002) bags of crude asbestos.

One thousand three hundred and sixty-one (1,361) rolls of paper.

Nine thousand four hundred and sixty-eight (9,468) bundles of pulp board.

Ten thousand six hundred and nine (10,609) bundles of pulp.

One thousand (1,000) pails of lard.

Twelve thousand five hundred and fourteen (12,514) boxes of cheese.

Forty thousand five hundred and thirty-nine (40,539) bales long hay.

One hundred and thirty-nine thousand seven hundred and seventy (139,770) bales compressed hay.

Eighteen thousand three hundred and seventy-eight (18,378) quarters of beef.

Nineteen thousand seven hundred and four (19,704) boxes of provisions.

Five hundred and thirty (530) cases wax.

Three thousand three hundred and eighty-five (3,385) head of cattle.

One thousand four hundred and eighteen (1,418) head of sheep.

Two (2) horses.

One hundred and thirty-four (134) packages of sundries.

Two hundred and forty-three (243) brls. of wax.

### VESSELS IN DISTRESS USING THE DOCKS.

SS. *Sahara.*—Having been aground on the north-west reef at Bic, came into the dock for survey, and after transhipping a part of her cargo of rice proceeded to Montreal.

SS. *Indiana.*—Having struck on Baul island, on the north shore of the St. Lawrence (below Quebec), came back to Quebec and discharged her cargo, and after holding a survey went into the graving dock at Levis to be repaired, after which she reloaded and proceeded to sea.

SS. *Manchester Importer.*—Having struck on the north side of White Island reef came back to Quebec, discharged a part of her cargo, and after repairing, reloaded and proceeded to sea.

SS. *Tiger.*—Having been in collision with the ss. *Hilda* and having received considerable damage, came into the dock and discharged her full cargo, after which she went to Davies' slip, and after being repaired, reloaded and proceeded to sea.

SS. *Hilda.*—Having been in collision with the ss. *Tiger* came into the dock to hold a survey, after which she proceeded to Montreal to make repairs.

SS. *Manchester Engineer.*—Having struck on Serpent rock about six (6) miles below Fame Point, came alongside Point-à-Carcy wharf and after transhipping a small quantity of coal proceeded to Montreal.

SS. *Iberian.*—Having struck ground at Red Island came to Point-à-Carcy wharf and landed her inward cargo, after which she went into the dock to be surveyed, and having been found very much damaged was placed in the graving dock at Levis to be repaired this winter.

SS. *Loango.*—Having touched bottom when off Cape Rouge on her way down from Montreal, came into the dock and discharged a part of her cargo; repaired, reloaded and proceeded to sea.

SS. *Sicilian.*—When about one (1) mile below Bellechasse struck some obstacle in mid-channel, came back to the dock unloading a part of her cargo, after which she was temporarily repaired, reloaded and proceeded to sea.

During the past season, the different ocean mail steamers landed thirty-nine thousand (39,000) steerage passengers at the Immigration Station, Louise Docks, who were forwarded to their future homes by the Canadian Pacific Railway Company.

No record has been kept of cabin passengers.

The surface traffic has required the employment of eight thousand nine hundred and sixty-six (8,966) cars, being an increase of seven hundred and sixteen (716) on the previous year.

There are wintering on the Louise Docks twenty thousand three hundred and forty-nine (20,349) Quebec standard of lumber, besides coal, railway ties, timber, &c.

There are stored in the different freight sheds salt, cement, flour, pulp, &c., &c., which the owners are obliged to remove before the opening of navigation.

The docks are used from the 30th November for wintering a large number of vessels of various tonnages, where they find safe quarters to the opening of the navigation.

I have the honour to be, sir,
Your most obedient servant,

P. FLYNN,
*Wharfinger.*

C.

QUEBEC HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1903.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit the following report, with reference to the harbour for the year 1902.

Navigation was open in the harbour all winter.

Local navigation from the Lower St. Lawrence was opened by the arrival of schooner *Marie Flora*, Capt. Gagné, which arrived in the harbour (light) on March 21.

The ice in the wet dock and tidal basin broke up on March 28.

SS. *Douro*, first coasting steamer left the harbour with passengers and general cargo for the North shore, Gulf St. Lawrence, on April 3.

Navigation from all parts of the Lower St. Lawrence was open on April 4.

The Government revenue cutter ss. *Constance* left for the Gulf St. Lawrence on April 7.

SS. *Savoy* left for Anticosti with passengers and a full general cargo on April 6.

All local pontoons were placed in the harbour on April 14.

SS. *Douro* arrived in the harbour from the north shore, Gulf St. Lawrence, with passengers and general cargo on April 9.

SS. *Fremona* the first ocean freight steamer of the Mediterranean ports, arrived and anchored in the harbour on April 13, to await the buoys being placed on the river between Quebec and Montreal.

Passenger ss. *Quebec* of the Richelieu and Ontario Navigation Co., arrived in the harbour from Montreal on April 15.

Royal mail tender ss. *Rhoda* left the harbour for Rimouski on April 16.

SS. *Carolina* first Richelieu and Ontario Navigation Co., left for the Lower St. Lawrence with passengers and general cargo on April 16.

SS. *Lake Simcoe*, first passenger and freight steamer from sea, arrived in the harbour on April 24, and moored at breakwater.

SS. *Parisian*, first ocean Royal mail and passenger steamer arrived in the harbour on April 26, and moored at the breakwater.

Coal hulk *Grandee* with coal cargo arrived in the harbour and was berthed on the wet dock on April 27.

The first sailing vessel bktn. *Mary Hendry*, from Barbadoes, arrived in the harbour on May 9.

First ballast vessel from sea, bark *Hifhi*, arrived in the harbour on May 26.

SS. *Polino*, coal laden, arrived in the harbour on May 30, went into wet dock to discharge.

SS. *Lake Simcoe*, first ocean steamer, (outward) left the harbour for sea on May 1, with passengers and freight.

First ocean Royal mail steamer ss. *Parisian*, left the harbour for sea on May 3.

H. H. S. *Ariadne* and *Indefatigable* arrived and anchored in the harbour on August 22.

Three ballast ships discharged six hundred and fifty tons (650) of ballast, subdivided as follows :

| | | |
|---|---|---|
| Government wharf Lévis | 200 tons | clay. |
| Louise Basin | 300 " | stone. |
| Point-à-Carcy | 150 " | stone clay. |

No ballast was discharged into the harbour during the last season.

In addition to the routine work of the harbour and office, three hundred and sixteen (316) ocean sea-going steamers have been berthed in the Louise Docks, Breakwater and Point-à-Carcy wharfs.

The cost of obtaining this ballast has been one hundred and five dollars and fifty cents ($105.50), or about 16¼ cents per ton.

The harbour regulations have been distributed to all vessels using the harbour during the season of navigation and the carrying out of their provisions attended to.

The limits of the clear water space, opposite the city where the telegraph and Telephone cables are laid, are indicated at night by red light and in day time by signboards on both sides of the river.

The last sailing vessel, bark *Arabia*, left the harbour under sail on 28 November.

The last ocean Royal Mail ss. *Pretorian*, left the harbour on 16 November.

The SS. *Saguenay* of the Richelieu Ontario Navigation Company, made her last trip to the Saguenay on November 15.

The SS. *Canada* of the Richelieu and Ontario Navigation Company, made her last trip between here and Montreal on November 28.

The last ocean freight steamer ss. *Polino* arrived in the harbour on the 2nd December and went into Louise Basin to discharge.

The last ocean passenger and freight steamer ss. *Sicilian*, left the harbour on December 2.

SS. *St. Andrew*, last ocean freight steamer, left the harbour on December 4.

All vessels wintering in the wet dock and tidal basin were in their respective berths on December 7.

The ice in the tidal basin and wet dock formed on December 7.

The ice in the St. Charles river formed on the December 9.

The ice in the north channel connecting the Island of Orleans with north shore formed on December 12.

Notices have been posted in suitable localities warning parties from discharging rubbish of any kind, into the harbour, docks, &c., and every precaution is being taken to prevent any violation of the regulations of the Commissioners in that respect.

I have the honour to be, sir,
Your most obedient servant,

JAS. C. SULLIVAN,
*Harbour Master.*

## REVENUE AND EXPENDITURE.

**DR.**

| 1902. | | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31. | To Tonnage dues | 9,098 88 | |
| | Import " | 4,679 35 | |
| | Export " | 6,593 10 | |
| | Harbour " | 2,516 21 | |
| | | | 22,887 54 |
| | To Property Earnings— | | |
| | St. Charles docks and wharfs and wharfs and stores under lease | 49,359 37 | |
| | Due by and charged to the Department of the Interior for ground occupied for immigration purposes | 13,845 48 | |
| | | | 63,204 85 |
| | Cold storage warehouses | | 5,184 25 |
| | Beach and deep water lots | | 1,131 62 |
| | Interest | | 2,354 38 |
| | Sundries | | 8 00 |

**CR.**

| 1902. | | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31. | By Officers' salaries, including the engineering expenses and cost of superintending the works under construction | 9,881 88 | |
| | Schooner reporters | 387 50 | |
| | | | 12,269 38 |
| | Commissioners' meetings | | 2,790 00 |
| | Legal expenditure | | 774 61 |
| | Notarial | | 187 10 |
| | Dredging expenses | | 2,187 01 |
| | Cold storage expenses | | 4,060 32 |
| | Property expenditure, taxes, insurance and maintenance of Commissioners' docks, wharfs and stores | | 33,840 23 |
| | Report and annexures, 1901 | | 383 00 |
| | Book binding | | 199 15 |
| | Stationery | | 216 92 |
| | Plumbing | | 319 70 |
| | Bell Telephone Company | | 164 55 |
| | Quebec Gas Company | | 147 76 |
| | Auditors for 1901 | | 200 00 |
| | Harbour masters' service | | 470 59 |
| | Harbour master, St. Thomas, looking after ballast vessels | | 50 00 |
| | Examination of the eye-sight of all the pilots | | 325 00 |
| | Hardware for general use | | 166 47 |
| | Snow contract | | 75 00 |
| | Placing and removing buoys, Fly Bank | | 52 50 |
| | Expenses in enforcing the whistling by-law | | 50 00 |
| | Shed labour | | 576 55 |
| | Sundries | | 1,655 43 |
| | 12 months' interest to the 1st January, 1903, on $350,000.00 of first preference bonds at 4 p.c. per annum | | 14,000 00 |
| | Balance composed as follows: Surplus of receipts from Custom and earnings of docks, wharfs and stores over working expenses and interest on $350,000 of bonds | 7,763 89 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | 94,770 64 | | Due by and charged to the Department of the Interior for rental of ground occupied for immigration purposes ..... | 13,845 48 | 21,609 37 |
| | | | | | | | 94,770 64 |

JAMES WOODS,
*Secretary-Treasurer.*

QUEBEC, January 2, 1903.

## STATEMENT of Assets and Liabilities, per Balance Sheet of Date.

| 1902. | ASSETS. | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31. | Real Estate— | | |
| | St. Charles docks and wharfs | 4,061,047 73 | |
| | East India wharf | 48,896 64 | |
| | Atkinson's " | 51,103 20 | |
| | Grand Trunk " | 15,740 32 | |
| | Reynar's " | 9,918 29 | |
| | Wellington " | 86,541 85 | |
| | | | 4,273,248 03 |
| | Cold storage plant | | 25,372 98 |
| | New deck scow | | 2,830 38 |
| | Hopper barge | 5,609 28 | |
| | Steam crane dredge | 5,105 21 | |
| | | | 10,714 49 |
| | Pile driver | | 527 66 |
| | In re Beach and Deep Water Lots— | | |
| | Capital and debit sundries | 34,793 70 | |
| | Arrears of interest to June 24 | 6,823 23 | |
| | " " Dec. 24 | 882 12 | |
| | | | 42,499 05 |
| | Rents, Wharfage, &c.— | | |
| | Due by sundries, as per balance sheet | 16,539 08 | |
| | Rentals for November and December | 1,766 63 | |
| | | | 18,305 71 |
| | Cold storage accounts | | 2,106 70 |
| | Cash— | | |
| | On hand | 1,570 11 | |
| | In La Banque Nationale | 64,536 24 | |
| | | | 66,106 35 |
| | Dominion Government— | | |
| | Unsettled claims | | 237,028 99 |
| | Steel rails | | 2,411 30 |
| | Broken stone | | 300 00 |
| | Railway ties | | 437 50 |
| | Jackscrews | | 394 87 |

| 1902. | LIABILITIES. | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31. | Quebec harbour debentures | 3,612,802 42 | |
| | First preference bonds | 350,000 00 | |
| | Interest to January 1, 1903, on $150,000 of Preference bonds | 3,000 00 | |
| | Receiver General of Canada | 43,380 00 | |
| | Shareholders of Quebec— | | |
| | Cold Storage and Warehouse Co. | 20,000 00 | |
| | | | 4,029,182 42 |
| | Surplus, composed as follows— | | |
| | Beach and deep water lots | 55,461 87 | |
| | Profit and loss | 607,009 82 | |
| | | | 662,471 69 |

| | | | | |
|---|---|---|---|---|
| Tools | | 3,592 28 | | |
| Anchors | | 264 38 | | |
| Carbolineum | | 45 00 | | |
| Office furniture | | 3,782 12 | | |
| Bills receivable | | 1,686 32 | | |
| | | 4,691,654 11 | | 4,691,654 11 |

MEMO.—The arrears of interest on Government debentures is not included in this statement.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1903.

JAS. WOODS,
*Secretary-Treasurer.*

We hereby certify that we have examined the statement of assets and liabilities of the Quebec Harbour Commission for the year 1902, and we find same in all particulars the true position of the Trust at that date.

QUEBEC, January 3, 1903.

L. A. BERGEVIN,
ALEX. J. MESSERVEY, } *Auditors.*

DR. BALANCE SHEET OF DECEMBER 31, 1902. CR.

| | $ cts. | $ cts. | | $ cts. | $ cts. |
|---|---|---|---|---|---|
| To Office furniture | | 3,782 12 | By Receiver General | | 43,380 00 |
| Amount at debit of grantees' beach and deep water lots | | 41,616 93 | Quebec harbour debentures | | 3,612,802 42 |
| Amount at debit of sundries for rent, wharfage, &c | | 16,539 08 | First preference bonds | | 350,000 00 |
| Unsettled claims against the Dominion Government | | 237,028 99 | Interest due January 1, 1903, on $150,000 of preference bonds | | 3,000 00 |
| St. Charles docks and wharfs | | 4,061,047 73 | Shareholders, Quebec | | |
| Cold storage plant | | 25,372 98 | Cold Storage and Warehouse Company | | 20,000 00 |
| East India wharf | | 48,896 64 | Beach and deep water lots | | 55,461 87 |
| Atkinson's wharf | | 51,103 20 | Profit and loss | | 607,009 82 |
| Grand Trunk wharf | | 15,740 32 | | | |
| Reynar's wharf | | 9,918 29 | | | |
| Wellington wharf | | 86,541 85 | | | |
| Cash on hand | 1,570 11 | 66,106 35 | | | |
| " La Banque Nationale | 64,536 24 | | | | |
| Hopper barge | 5,609 28 | 10,714 49 | | | |
| Steam crane | 5,105 21 | | | | |
| New deck scow | | 2,830 38 | | | |
| Pile driver | | 527 66 | | | |
| Steel rails | | 2,411 30 | | | |
| Broken stone | | 300 00 | | | |
| Railway ties | | 437 50 | | | |
| Jackscrew accounts | | 394 87 | | | |
| Cold storage accounts | | 2,106 70 | | | |
| Anchor account | | 264 38 | | | |
| Tools | | 3,592 28 | | | |
| Carbolineum | | 45 00 | | | |
| Bills receivable | | 1,686 32 | | | |
| Suspense account | | 2,648 75 | | | |
| | | 4,691,654 11 | | | 4,691,654 11 |

JAS. WOODS,
*Secretary-Treasurer.*

QUEBEC, January 2, 1903.

We hereby certify that we have examined the books and vouchers of the Quebec Harbour Commissioners to December 31, 1902, and that this balance sheet is correct.

L. A. BERGEVIN,
ALEX. J. MESSERVEY, } *Auditors.*

QUEBEC, February 6, 1903.

## QUEBEC HARBOUR COMMISSION.

COMPARATIVE STATEMENT of the Revenue of the Commissioners for the years 1901 and 1902.

| — | 1901. | 1902. | Difference in 1902. | |
|---|---|---|---|---|
| | $ cts. | $ cts. | $ cts. | |
| Tonnage dues | 9,296 33 | 9,098 88 | 197 45 | Decrease. |
| Import " | 4,872 86 | 4,679 35 | 193 51 | " |
| Export " | 5,500 69 | 6,593 10 | 1,092 41 | Increase. |
| Harbour " | 2,164 25 | 2,516 21 | 351 96 | " |
| Earnings of docks, wharfs and stores | 56.769 43 | 63,204 85 | 6,435 42 | " |
| Cold storage | ..... | 5,184 25 | 5,184 25 | " |
| Beach and deep water lots | 1,202 76 | 1,131 62 | 71 14 | Decrease. |
| Interest | 3,862 77 | 2,354 38 | 1,508 39 | " |
| Sundries | ..... | 8 00 | 8 00 | Increase. |
| | 83,669 09 | 94,770 64 | 11,101 55 | Increase. |

JAS. WOODS.
*Secretary-Treasurer.*

QUEBEC, January 2, 1903.

## EXPENDITURE ON CAPITAL ACCOUNT DURING THE YEAR 1902.

| | |
|---|---|
| St. Charles docks and wharfs | 3,030 86 |
| New freight shed, Point-a-Carcy extension, No. 21 | 21,903 22 |
| Salt shed, No. 22 | 13,017 11 |
| Cold storage warehouse | 372 98 |
| Embankment freight shed, No. 20 | 461 51 |
| Pile driver | 210 34 |
| Office furniture | 58 79 |
| Tools | 232 14 |
| | $39,286 95 |

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1903.

# APPENDIX No. 5.

## THREE RIVERS HARBOUR COMMISSIONERS' REPORT FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

HARBOUR COMMISSIONERS' OFFICE,
THREE RIVERS, February 3, 1903.

SIR,—I have the honour, by the direction of the Harbour Commissioners of Three Rivers, to forward herewith, for the information of the Honourable the Minister of Marine, statements of receipts and disbursements of the Commission for the year ending December, 31, 1902.

I have the honour to be, sir,
Yours respectfully,

GEORGES BALCER,
*Secretary.*

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

COMMISSIONERS:

ALEX. HOULISTON, Esq., Chairman.
R. S. COOKE, Esq., HENRY E. HART, Esq.
N. L. DENONCOURT, R. W. WILLIAMS, Esq.
GEORGES BALCER, Secretary.

With 21 steamers more than in 1901 and an increse of 33 per cent in the revenue of the harbour, the season 1902 again confirms the views expressed for years :—that with even moderate improvements and relying solely on our own resources, the traffic of the port is liable to develop to an extent totally unknown to the generality of the public. And yet great as the development has been of late, only a very small fraction of the products of the newly established industries in our vicinity can make use of our port, as much on account of the persistent absence of proper railroad facilities to reach the nearest deep-water wharves, as to the insufficiency of accommodation for handling a great variety of traffic.

When we consider that with every additional 400 or 500 feet of wharf and some minor improvements, we have been able to gradually supply the shipping to the extent above mentioned—is it exaggerating to assume that as soon as the 2,000 feet of new wharf, actually under construction by the Department of Public Works, is completed; when a number of sheds and bins with modern plant are erected, and the projected wharf extension has reached Windmill Point—when the south shore portion of the harbour, connecting the port with the Grand Trunk system and Intercolonial Railway, has received its legitimate due—our traffic will double and triple without in the least calculating or depending upon a trade from outside sources.

But in view of the phenomenal development of the resources of the Dominion the rapid increase in the production of the country, particularly the North-west, necessitating more than ever adequate outlet facilities—will not the port of Three Rivers, situated at the *head* of the natural deep-water navigation and *below* Lake St. Peter, with the 50 feet deep main channel running a few cable lengths from its wharfs—come in for its share and form one of the necessary links in the St. Lawrence transportation problem?

Is it unreasonable to expect—when a more vigorous policy of improvements for an 'entirely Canadian route' will have been adopted and the harbour is supplied with the required accommodation—the shipping, foreign as well as national, will seek our port for traffic in general, but more particularly for the export of cattle and livestock, when neither Montreal nor Quebec will be able to meet all the wants for the coming traffic?

At all events and without further dwelling upon a subject so often debated, we may mention that neither our exports nor imports have lessened during the year 1902, on the contrary.

Although now prevented by the new customs regulation to give full particulars, our direct exports, to Great Britain and other European countries figure with over 2 million dollars including 35 million feet lumber worth over $500,000 and pulp and paper worth about 1 million dollars

Direct exports to the United States reached over $800,000, consisting chiefly in lumber, pulpwood, pulp, aluminum, asbestos, &c.

As to indirect exports, our dairy produce, cheese and butter and other agricultural products are constantly on the increase.

Our imports follow in the same ratio.

GEORGES BALCER,
*Secretary.*

THREE RIVERS, March 30, 1903.

## Receipts and Disbursements of Harbour Commission of Three Rivers for the year 1902.

### RECEIPTS.

| Months. | Collection of Harbour Dues. | | | | | | | | | Proceeds from. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Commissioners' Office. | | | | | Custom House. | | | | | | |
| | Tonnage dues on vessels. | On Goods. | | Commutation. | Rent of wharf and moorage. | Tonnage Dues. | On Goods. | | Moorage dues. | Sale of debentures. | Notes issued. | Other sources. |
| | | Inwards. | Outwards. | | | | Inwards. | Outwards. | | | | |
| | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. |
| January | 2 00 | 15 31 | 63 24 | ..... | 0 50 | ..... | ..... | ..... | ..... | 2,500 00 | *Deposit in Bank* | 6,278 02 |
| February | 184 40 | 29 56 | ..... | ..... | 74 00 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| March | 17 70 | ..... | 44 76 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| April | 23 19 | ..... | 90 46 | 8 75 | 9 23 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| May | 18 29 | 0 10 | 13 88 | 1 50 | 11 33 | ..... | ..... | ..... | ..... | 3,000 00 | ..... | ..... |
| June | 1 93 | 1 30 | ..... | 101 50 | 30 30 | ..... | 1,500 00 | ..... | ..... | ..... | ..... | ..... |
| July | 13 92 | 1 97 | 18 05 | ..... | 36 51 | ..... | ..... | ..... | ..... | 3,500 00 | ..... | ..... |
| August | 4 68 | 4 65 | 6 32 | 1 50 | 3 60 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| September | 108 06 | 110 80 | 1 55 | 1 50 | 4 50 | 1,500 00 | 1,000 00 | 2,000 00 | 500 00 | ..... | ..... | ..... |
| October | 5 82 | 8 10 | 3 60 | ..... | 1 90 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| November | 11 88 | 16 10 | 21 53 | 16 43 | 64 35 | 500 00 | 1,000 00 | 500 00 | ..... | 1,000 00 | ..... | ..... |
| December | 154 85 | 224 12 | 320 10 | 662 00 | 239 00 | 721 02 | 1,314 83 | 97 66 | 216 80 | ..... | ..... | 68 22 |
| | 546 72 | 411 95 | 583 49 | 793 18 | 466 22 | 2,721 02 | 4,814 83 | 2,597 66 | 716 80 | 10,000 00 | ..... | 6,346 24 |

### RECAPITULATION.

| | | |
|---|---|---|
| Commissioners' office— | | |
| Tonnage dues | $ 546 72 | |
| Harbour dues, inwards | 411 95 | |
| " outwards | 583 49 | |
| Commutation | 793 18 | |
| Rent of wharf and moorage | 466 22 | |
| | | $ 2,801 56 |

| | | | | |
|---|---|---|---|---|
| Customs dues— | | | | |
| Tonnage dues | $ 2,721 02 | | | |
| Harbour dues, inwards | 4,814 83 | | | |
| " outwards | 2,597 66 | | | |
| Moorage | 716 80 | | | |
| | | $ 10,850 31 | | |
| Total collection | | | $ 13,651 87 | |
| Proceeds from— | | | | |
| Sale of debentures | $ 10,000 00 | | | |
| Interest on deposits | 68 22 | | | |
| | | | 10,068 22 | |
| Deposit in bank and cash, January 1, 1902 | | | 6,278 02 | |
| Total receipts | | | | $ 29,998 11 |

## RECEIPTS and Disbursements of Harbour Commission of Three Rivers, &c.—*Concluded.*

### DISBURSEMENTS.

| Months. | Expenses for Administration. | | | | | | Disbursements Chargeable to. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current expenses. | Salaries and commissions | Rent. | Printing and stationery | Travelling and other expenses. | Refunds. | Engineer's office. | Repairs and general harbour expenses. | Construction account. | Plants and tools. | Property account. | Interest account. | Divers. |
| | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. |
| January | 39 74 | 172 33 | 50 00 | ... | ... | ... | ... | ... | 2,124 40 | ... | ... | 3,464 59 | 712 50 |
| February | 29 25 | 177 33 | ... | ... | ... | ... | ... | 28 00 | 125 30 | ... | ... | ... | ... |
| March | 16 60 | 137 33 | ... | ... | ... | ... | ... | 21 60 | 163 25 | ... | ... | ... | ... |
| April | 22 81 | 40 00 | 50 00 | ... | ... | ... | 4 10 | 58 40 | 223 27 | ... | ... | ... | ... |
| May | 24 30 | 358 66 | ... | 22 00 | L Ex. | ... | ... | 447 09 | 2,796 82 | ... | ... | 25 00 | ... |
| June | 28 30 | 179 33 | ... | 0 50 | 40 00 | ... | ... | 72 98 | 82 65 | ... | ... | ... | ... |
| July | 30 16 | 179 33 | 50 00 | 4 88 | L 77 00 | ... | ... | 75 65 | 78 30 | ... | ... | 3,625 00 | 740 00 |
| August | 16 95 | 179 33 | ... | 8 60 | L 19 18 | 23 82 | ... | 44 34 | ... | ... | ... | 25 00 | ... |
| September | 21 80 | 179 33 | ... | 8 10 | ... | ... | ... | 45 40 | ... | ... | ... | ... | ... |
| October | 29 22 | 179 33 | 50 00 | 6 38 | ... | ... | 18 28 | 312 29 | ... | ... | ... | ... | ... |
| November | 63 58 | 270 67 | ... | 2 45 | ... | 31 50 | ... | 52 05 | 1,000 00 | ... | ... | ... | ... |
| December | 62 45 | 545 50 | ... | ... | ... | ... | ... | 67 76 | 27 60 | ... | ... | ... | ... |
| | 385 16 | 2,598 47 | 200 00 | 52 91 | 136 18 | 55 32 | 22 38 | 1,225 56 | 6,621 59 | ... | ... | 7,139 59 | *1,452 50 |

* Sinking fund.

### RECAPITULATION.

| | | |
|---|---|---|
| Administration— | | |
| Current expenses | $ 385 16 | |
| Salaries and commissions | 2,598 47 | |
| Rent | 200 00 | |
| Printing and stationery | 52 91 | |
| Legal expenses | 136 18 | |
| Refunds | 55 32 | |
| | | $ 3,428 04 |
| Disbursements on revenue— | | |
| Engineer's office | 22 38 | |
| Repairs and general harbour expenses | 1,225 56 | |
| | | 1,247 94 |
| Interest on debentures | 7,139 59 | |
| Sinking fund | 1,452 50 | |
| | | 8,592 09 |

| | | | |
|---|---|---|---|
| Total expenses on revenue | $ 13,268 07 | | |
| Disbursements on capital— | | | |
| Construction account | | 6,621 59 | |
| Total disbursements | | $ 19,889 66 | |
| Deposit in bank, cash, December 31, 1902 | | | 10,108 45 |
| | | | $ 29,998 11 |

THREE RIVERS, January 15, 1903.

GEORGES BALCER,
*Secretary-Treasurer.*

STATEMENT of number and tonnage of Steamers and Sailing Vessels entered inward and outward at the port and outports of Three Rivers for the year ended 1902.

OCEAN TRAFFIC.

| Return of Vessels Inward. | No. | Tons. | Return of Vessels Outwards. | No. | Tons. |
|---|---|---|---|---|---|
| Total arrivals | 91 | 169,326 | Total departures | 91 | 169,326 |
| Steamers | 89 | 168,637 | British and Canadian | 69 | 136,530 |
| Sailing vessels | 2 | 689 | Norwegian | 22 | 32,796 |

PORT OF THREE RIVERS.

| Arrived. | No. | Tons. | Cleared for. | No. | Tons. |
|---|---|---|---|---|---|
| Steamers | 71 | 126,332 | Great Britain | 40 | 87,398 |
| Sailing vessels | 1 | 139 | Inland ports | 29 | 33,930 |
| | | | Antwerp | 2 | 3,636 |
| | | | Spain | 1 | 1,507 |
| Total | 72 | 126,471 | Total | 72 | 126,471 |

LAKE ST. PETER—PIERREVILLE, LOUISVILLE.

| | | | | | |
|---|---|---|---|---|---|
| Steamers | 13 | 33,155 | Great Britain | 12 | 31,651 |
| Sailing vessel | 1 | 550 | Spain | 2 | 2,054 |
| Total | 14 | 33,705 | Total | 14 | 33,705 |

OUTPORT—BATISCAN.

| | | | | | |
|---|---|---|---|---|---|
| Steamers | 5 | 9,150 | Great Britain | 4 | 7,400 |
| | | | South Africa | 1 | 1,750 |
| Total | 5 | 9,150 | Total | 5 | 9,150 |

UNITED STATES TRAFFIC.

| —— | Number. | Tonnage. |
|---|---|---|
| Port of Three Rivers—United States canal boats | 418 | 39,914 |
| Outports—United States canal boats and barges | 136 | 12,648 |
| Total | 554 | 52,562 |

STATEMENT of number and tonnage of Steamers and Sailing Vessels &c.—*Concluded.*

INLAND TRAFFIC.

| — | Number. | Tonnage. |
|---|---|---|
| Bateaux not registered | 181 | ..... |
| Schooners and barges | 56 | 5,537 |
| Tugs and steamboats | 130 | 18,505 |
| Total | 367 | 24,042 |

(Exclusive of Richelieu and Ontario Navigation Company's steamers and local craft.)

RECAPITULATION.

| | | |
|---|---|---|
| Ocean traffic | 91 | 169,326 |
| United States | 554 | 52,562 |
| Local | 367 | 24,042 |
| Grand total | 1,012 | 245,930 |

GEORGES BALCER,
*Secretary.*

HARBOUR COMMISSIONERS' OFFICE,
THREE RIVERS, March 30, 1903.

# APPENDIX No. 6.

## REPORT OF THE BELLEVILLE HARBOUR COMMISSIONERS FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

| 1902. | | $ cts. | 1902. | | $ cts. |
|---|---|---|---|---|---|
| Jan. 1 | To Balance on hand | 4,492 74 | Jan. 29 | By D. Collins, month's salary | 50 00 |
| Feb. 4 | Rent | 5 00 | " 30 | S. T. Harris | 196 44 |
| " 4 | " | 2 50 | Feb. 10 | D. Collins, month s salary | 50 00 |
| Mar. 1 | " | 2 50 | " 14 | J. W. Walker | 0 60 |
| April 8 | Harbour dues | 505 82 | Mar. 11 | D. Collins | 50 00 |
| May 8 | " " | 372 88 | April 7 | I. W London | 1 40 |
| " 31 | House | 50 00 | " 7 | John Corden | 1 50 |
| " 31 | Interest | 6 75 | " 7 | John Weir | 1 50 |
| July 8 | Harbour dues | 109 38 | " 8 | D. Collins | 50 00 |
| " 25 | Interest on deposit | 92 96 | " 16 | John Corden | 6 00 |
| Aug. 8 | Harbour dues | 37 35 | " 16 | W. R. Clark | 1 34 |
| Sept. 8 | " " | 40 30 | " 16 | C. P. Holten | 0 85 |
| " 9 | Gilmour & Co | 285 19 | " 18 | John Keathing | 2 00 |
| " 18 | Rathbun Co | 522 71 | May 9 | D. Collins | 50 00 |
| Oct. 8 | Harbour dues | 57 90 | " 13 | Almeda Greeves, for lot | 300 00 |
| " 8 | Quinlan Robertson, refund freight | 10 00 | " 30 | John Lewis & Co | 1 56 |
| Nov. 8 | Harbour dues | 84 82 | " 31 | *Intelligencer and Ontario* Printing | 4 80 |
| Dec. 9 | " " | 347 73 | " 31 | T. S. Carman, tally papers | 6 00 |
| " 19 | " " | 73 35 | June 6 | A. Dunsvill | 1 50 |
| " 19 | Interest | 48 10 | " 7 | Neil F. Donoven, stones | 4 00 |
| | | | " 10 | D. Collins | 50 00 |
| | | | " 17 | S. Vanderont, tally clerk | 8 00 |
| | | | " 23 | " " " | 12 00 |
| | | | " 30 | " " " | 12 00 |
| | | | July 7 | " " " | 12 00 |
| | | | " 10 | D. Collins | 50 00 |
| | | | " 10 | S. Vanderont | 4 00 |
| | | | " 19 | Fred Butler, carting | 1 75 |
| | | | Aug. 8 | D. Collins | 50 00 |
| | | | " 16 | A. Dunsvill | 2 00 |
| | | | " 16 | Sid. Vanderont | 14 00 |
| | | | Sept. 8 | D. Collins | 50 00 |
| | | | " 23 | H. Foster, embankment | 3 13 |
| | | | " 23 | The Rathbun Co., swinging boom | 100 00 |
| | | | " 27 | Embankment exc., pay sheet 1 | 25 74 |
| | | | Oct. 4 | Embankment exc., pay sheet 2 | 42 73 |
| | | | " 9 | D. Collins | 50 00 |
| | | | " 10 | Embankment exc., pay sheet 4 | 76 85 |
| | | | " 15 | N. Assleston | 2 50 |
| | | | " 15 | E. Bellow | 2 50 |
| | | | " 17 | Embankment wall, pay sheet 3 | 36 00 |
| | | | " 24 | Embankment wall, pay sheet 5 | 7 50 |
| | | | " 27 | G.P.R., freight on stones | 20 00 |
| | | | " 31 | Pay sheet, T. W. Walker | 77 92 |
| | | | " 31 | Cartage | 0 35 |
| | | | Nov. 3 | Wm. Synnott | 0 75 |
| | | | " 7 | D. Collins | 50 00 |
| | | | " 7 | Rathbun Co | 13 59 |
| | | | " 8 | John Lewis & Co | 0 77 |
| | | | " 8 | W. P. Clark | 16 70 |
| | | | " 8 | Marsh & Henthorn | 7 58 |
| | | | " 8 | Pay sheet | 81 10 |
| | Carried forward | 7,147 98 | | Carried forward | 1,660 95 |

Report of the Belleville Harbour Commissioners, &c.—*Concluded.*

| | | $ cts. | | | | $ cts. |
|---|---|---|---|---|---|---|
| 1902. | Brought forward.. . | 7,147 98 | 1902. | | Brought forward.. | 1,660 95 |
| | | | Nov. 10 | By | Thompson Bros..... | 250 50 |
| | | | " 10 | | Repairs to derrick..... | 1 00 |
| | | | " 11 | | Chs. Cero..... | 2 50 |
| | | | " 11 | | Tumlan & Robertson..... | 109 35 |
| | | | " 11 | | Telegraphing..... | 0 50 |
| | | | " 15 | | Pay Sheet..... | 104 99 |
| | | | " 15 | | Mullins, cartage..... | 1 50 |
| | | | " 15 | | Telegraphing..... | 0 25 |
| | | | " 21 | | Pay sheet..... | 44 18 |
| | | | " 28 | | Pay sheet..... | 33 49 |
| | | | Dec. 9 | | D. Collins..... | 50 00 |
| | | | " 18 | | R. Thompson, rent.. ... | 15 00 |
| | | | " 19 | | T. P. Thompson, rent $3; Margaret Johnson, rent, $12..... | 15 00 |
| | | | " 19 | | Geo. Whalen, storing buoys $4; D. Collins, postage, &c. 3.40..... | 7 40 |
| | | | " 19 | | Postage and stationery .... | 2 55 |
| | | | | | | 2,299 16 |
| 1903. | | 7,147 98 | | | Balance on hand.. | 4,848 82 |
| Jan. 1 | To Balanse on hand. ..... | 4,848 82 | | | | 7,147 98 |

The above is a correct statement to the best of our belief of all moneys received and expended by the Belleville Harbour Board for the year 1902.

T. A. CARMAN,
*Chairman.*

E. G. SILES,
*Ex-Chairman.*

BELLEVILLE, January 8, 1903.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—The undersigned, harbour master of the city of Belleville, begs to submit the following report for the year 1902 :—

Navigation opened in Belleville harbour on April 2 and closed on December 5.

| | | |
|---|---|---|
| Import dues on | 11,938 tons coal..... | $1,193 80 |
| " " | 733,868 feet lumber..... | 36 20 |
| " " | 557,000 shingles..... | 16 71 |
| " " | 260,000 laths..... | 3 28 |
| " " | cords wood..... | 21 00 |
| " " | 168 tons potter's clay.... ..... | 10 08 |
| " " | 35½ tons cement..... | 3 55 |
| " " | 14½ tons salt..... | 1 45 |
| " " | 75 tons tomatoes..... | 7 50 |
| " " | 904 tons merchandise..... | 90 40 |
| | | $1,383 97 |

| | | | | |
|---|---|---|---|---|
| Export dues on | 147,681 | logs, &c | | $ 869 19 |
| " " | 21,138 | bushels | wheat | 26 42 |
| " " | 14,052 | " | oats | 17 56 |
| " " | 1,063 | " | rye | 1 33 |
| " " | 15,027 | " | barley | 18 78 |
| " " | 829 | " | peas | 1 03 |
| " " | 192 | tons | cheese | 19 20 |
| " " | 100 | tons | coal | 10 00 |
| " " | 30 | tons | sand | 3 00 |
| " " | 811½ | tons | merchandise | 81 15 |
| " " | 66,000 | bricks | | 3 30 |
| | | | | $ 1,050 96 |

Dues collected during the season are as follows :—

| | |
|---|---|
| Total amount derived from imports | $ 1,383 97 |
| Total amount derived from exports | 1,050 96 |
| | $ 2,434 93 |

The amount of dues from imports shows a slight decrease from last year on account of less coal being imported.

The dues from exports are larger than last year owing to more logs having been brought down the river Moira.

All of which is respectfully submitted.

I have the honour to be, sir,
Your obedient servant,

D. COLLINS,
*Harbour Master.*

DOMINION OF CANADA,
Province of Ontario,
County of Hastings.
*To Wit :*

In the matter of the report of the Harbour Master of the city of Belleville for the year ending December 31, 1902.

I, DANIEL COLLINS, of the city of Belleville, in the county of Hastings, harbour master, do solemnly declare that :

1. I am harbour master of the city of Belleville.

2. That my report hereunto annexed contains a true, correct and full statement of the revenue from the harbour at the city of Belleville for the year ending on the 31st day of December, 1902.

3. That the said report is in all other respects true and correct to the best of my knowledge, information and belief.

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of *The Canada Evidence Act, 1893.*

D. COLLINS,
*Harbour Master.*

Declared before me at the city of Belleville, in the county of Hastings, this 8th day of January A. D. 1903.

G. MASSON.
*Notary Public, Commissioner, &c.*

# APPENDIX No. 7.

## EPORT OF THE TORONTO HARBOUR COMMISSIONERS FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

ECRETARY of the Toronto Harbour Trust in account with the Commissioners for the Year ended December 31, 1902.

DR. GENERAL BALANCE SHEET. CR.

| | $ cts. | | $ cts. |
|---|---|---|---|
| harf property | 43,073 72 | Profit and loss | 60,891 97 |
| fice furniture | 594 88 | | |
| n. Per. and W. Can. mort. bonds | 14,000 00 | | |
| sh in bank | 3,214 01 | | |
| sh on hand | 9 33 | | |
| | 60,891 97 | | 60,891 97 |

We have examined the books and vouchers and have compared the balance sheet above with the said books and vouchers, and we certify the same to be correct and represent a true statement of the affairs of the trust at this date, December 31, 1902.

RTHUR B. LEE, *Chairman*,
T. MATHEWS,
. P. HUBBARD,
ARLOW CUMBERLAND,
OSEPH OLIVER,
*Commissioners.*

S. BRUCE HARMAN,
JOHN M. MARTIN, F.C.A.,
*Auditors.*

COLIN W. POSTLETHWAITE,
*Harbour Master and Secretary.*

RONTO, January 2, 1903.

PROFIT AND LOSS.

| | $ cts. | | $ cts. |
|---|---|---|---|
| arges | 300 00 | Balance from ledger | 58,785 13 |
| laries | 2,000 00 | C.P.Ry. Co | 4,000 00 |
| ght, buoys and beacons | 66 88 | Harbour dues | 5,268 72 |
| neral repairs | 600 02 | Interest on debentures | 433 72 |
| inting and stationery | 35 85 | " deposits | 91 90 |
| edging | 4,243 08 | Suspense account, dredging | 250 00 |
| ice expense and rent | 578 87 | Sale of old material | 37 20 |
| licitors' fees | 50 00 | | |
| gineers' fees | 40 00 | | |
| rniture account written off | 60 00 | | |
| lance | 60,891 97 | | |
| | 68,866 67 | | 68,866 67 |

Examined and found correct.

S. BRUCE HARMAN,
JOHN M. MARTIN, F.C.A.,
*Auditors.*

RONTO, January 2, 1903.

RECEIPTS and Expenditure of the Toronto Harbour Trust for the Year 1902.

| *Receipts.* | $ cts. | *Expenditure.* | $ cts. |
|---|---|---|---|
| Cash in bank. January 1 | 6,106 79 | Furniture account | 62 97 |
| " on hand " 1 | 12 71 | Charges | 300 00 |
| Canadian Pacific Railway Co | 4,000 00 | Salaries | 2,000 00 |
| Harbour dues | 5,268 72 | Lights, buoys and beacons | 133 55 |
| Interest on debentures | 433 72 | General repairs | 600 02 |
| " deposits | 91 90 | Printing and stationery | 35 85 |
| City of Toronto, placing buoys | 66 67 | Dredging | 4,243 08 |
| Suspense account, dredging | 250 00 | Office expenses and rent | 578 87 |
| Sale of old material | 37 20 | Solicitors' fees | 50 00 |
| | | Engineers' fees | 40 00 |
| | | Debentures | 5,000 00 |
| | | Cash in bank | 3,214 04 |
| | | " on hand | 9 33 |
| | 16,267 71 | | 16,267 71 |

Examined and found correct.

S. BRUCE HARMAN,
JOHN M. MARTIN, F.C.A.,
*Auditors.*

TORONTO, January 2, 1903.

GOODS Arrived per Steamer and Sailing Vessels for the Years 1901 and 1902.

| Description of Goods. | | 1901. | 1902. |
|---|---|---|---|
| Merchandise, general | tons. | 24,949 | 24,744 |
| Coal | " | 183,831 | 126,199 |
| Wood | cords. | ..... | 247 |
| Lake stone | toise. | 2,595 | 2,670 |
| Fruit in packages | brls. | 1,795 | 3,075 |
| " | crates. | 7,122 | 915 |
| " | baskets. | 392,267 | 597,296 |
| " | bags. | 821 | 783 |
| Fire bricks | | 46,000 | 42,000 |
| Common bricks | | ..... | 105,000 |
| Grain and pulse | bush. | ..... | 30,000 |
| Sheep, pigs and calves | | ..... | 16 |
| Carriages, horses and cattle | | 93 | 92 |
| Oil in bulk | brls. | 23,783 | 10,159 |

COLIN W. POSTLETHWAITE,
*Harbour Master.*

TORONTO, January 2, 1903.

## FIFTY SECOND ANNUAL REPORT.

To the Commissioners of the Harbour of Toronto:

GENTLEMEN,—I have the honour to submit my report for the year 1902.

The harbour was clear of ice on March 20, having been frozen for 104 days. The harbour froze over again on December 15, nine days later than last year.

The first vessel to arrive with cargo was the 'Maple Leaf,' Captain Goldring, with stone from Frenchman's Bay.

The last vessel to arrive was the 'M. E. Ferguson,' Captain Bloch, with stone from Port Credit, on December 16. She could get no further than the Queen's Wharf on account of ice.

The number of vessels which arrived at this port during the season of 1902 is 3,271, being 229 less than in 1901.

| — | 1901. | 1902. | Increase. | Decrease. | Tonnage. | |
|---|---|---|---|---|---|---|
| | | | | | 1901. | 1902. |
| Propellers loaded | 464 | 515 | 51 | ... | 198,270 | 151,263 |
| " light | 42 | 51 | 9 | ... | | |
| Steamers loaded | 2,248 | 2,066 | ... | 182 | 926,477 | 913,396 |
| " light | 11 | | | 11 | | |
| Sailing vessels, loaded | 713 | 629 | ... | 84 | 78,840 | 51,665 |
| " " light | 12 | 10 | | 2 | | |
| | 3,490 | 3,271 | 61 | 279 | 1,203,587 | 1,116,324 |

Cash receipts from all sources, including cash on hand from last year, amount to $16,267.71.

Expenditures of all kinds amount to $13,144.34, leaving a cash balance of $3,223.37.

Coal receipts by vessel for the year are as below, viz., anthracite coal, 57,840 tons; soft coal, 61,644 tons; and British coal 6,715 tons, in all by water 126,199 tons, as against 183,831 tons in 1901, showing a reduction of 57,632 tons.

The total quantity of coal imported into Toronto for the year, according to returns from Government is as below, viz., anthracite coal, 231,103 tons; bituminous coal, 546,075 tons; in all, 777,178 tons as compared with 786,068 tons in 1901.

A strike among the mine workers in the anthracite coal regions of Pennsylvania, unparalleled in duration, in the number of men involved and as affecting the interests of the public, was declared on May 13, and was only cancelled by the intervention of the United States Government on October 16. During the six months of the strike the hard coal business was paralyzed and but very little found its way into Toronto, and when at last the strike was declared off, the season of navigation had so far advanced that the demand was but partially supplied.

The fruit crop this year was a fairly good one. The number of packages brought in by water was 602,069, being an increase of more than 200,000 packages over last season.

Dredging was done in the harbour this year at a cost of $4,243.08.

The city engineer removed a quantity of deposits from the Bathurst Street sewer which had impeded the navigation of the western channel; this together with the dredging done by the Commissioners at the approaches to the Queen's Wharf, has given a channel as deep as is practicable without rock blasting.

The highest water for the year was 14½ inches above zero on July 30, the lowest water was 11 inches below zero on January 4. The average for the year is 2½ inches above zero, or about two inches higher than the average for last year.

The lamps at the Queen's Wharf were lighted for the first time on March 31 and were discontinued on December 14.

The buoys were placed out on March 26 and taken up on December 9.

There are 79 vessels wintering here this year, viz., 10 steamers, 10 propellers, 17 schooners, 2 steam tugs, 5 tow-barges, 9 steam barges, 15 sailing yachts, 8 ferry steamers, 9 steam launches and 4 dredges; in all about 18,447 tons, net register.

The steam fog horn on the Island has been sounded on 46 days, viz., in April, 4 times; in May, 7 times; in June, 4 times; in July, 8 times; in September, 6 times; in October, 6 times; in November, 7 times and in December, 4 times.

The Government engineer, Major Henry A. Gray, reports as follows :—

The extension of the west pier of the eastern channel for a length of 800 feet was completed in July last. The channel has maintained its full depth of 14½ feet up to the close of navigation. A small spit of the sand bar at the lake end of the channel has formed and is encroaching upon the channel, and may have to be removed next season. This will be determined when I take soundings in the coming spring.

This department has made repairs to the eastern pier of the eastern channel and also to the breakwater south of Fisherman's Island during the past year.

The pollution of the harbour from the city sewage is increasing to a very large and dangerous extent, and if not attended to, will, at an early date, seriously interfere with navigation.

The precipitation for the year, per information furnished by Mr. R. F. Stupart, Director of the Meteorological Observatory, is as follows, viz., rain, 26·105 inches; snow, (reduced to water), 4·920 inches; the total precipitation was 31·025 inches, or 1·245 inches less than for last year.

I am gentlemen,
Your obedient servant,

COLIN WM. POSTLETHWAITE.
*Harbour Master.*

TORONTO HARBOUR WORKS,

TORONTO, January 5, 1903.

SIR,—I have the honour to report that tenders for dredging on the Range Course and at wharfs and slips, were received early in the year, and a contract was made with the Sand Dredging, limited, on the 6th of March last; the price for the Range Course being 13 cents, and for the wharfs and slips 9⅔ cents per cubic yard. Owing to the delay of the contractors in commencing the work, I notified W. G. McKendrick, manager, on May 2, that, 'as in my opinion there is no probability of your completing the work contracted for by your company on or before May 14, next, as specified, it will be my duty after 24 hours have expired, to make arrangements for the completion of the work contracted for by your Company'; not having received any assurance that the dredging would be commenced without further delay, I reported on May 12, that I had made arrangements with Mr. Simpson, of McNamee & Simpson, on May 5, 'to remove the bar leading to Elias Roger's Co. wharf, near Berkeley Street,' as schooners could not get to the wharf, but had to go to their Church Street wharf to partially unload. By consent of the city engineer, Mr. Simpson left the dredging at the slips, and undertook the work, at the rate of $5 per hour, for working hours, the ordinary price paid by the Dominion Government. On May 23, I reported

the dredging of the bar was completed on the 21st inst. The cost of removing the at Princess Street entrance, and at the west side of Elias Roger's Co. wharf, was 344, of which the Sand Dredging, Limited, was duly notified, as the company were onsible for all damages caused by the delay in commencing the work. The manager the Sand Dredging, Limited, having made arrangements with Messrs. Russell & oks for the use of their dredge and scows, which was accepted by me, with the sent of the board, the dredging on the range course was commenced on May 30, he contract price 13 cents per cubic yard, and 9¾ cents for the wharfs and slips; dredging was completed on August 19. The quantities dredged were as follows:—

| | Cubic yards. |
|---|---|
| Princess Street entrance and Elias Roger's Company wharf.. | 6,941 |
| Range Course, not including taking up boulder, $16..... | 7,585 |
| Scott Street slip..... | 770 |
| Dickson and Eddy's wharf..... | 825 |
| Electric light wharf..... | 925 |
| Conger's wharf..... | 967 |
| Eiias Roger's Company wharf, Church Street..... | 968 |
| G. T. R. Railway elevator wharf..... | 200 |
| Princess Street entrance and Brown Milling Company wharf.. | 9,092 |
| Burn's wharf, Princess Street..... | 1,750 |
| Total..... | 30,023 |

It will be 50 years next March, since I received the instructions for the first nsion of the Queen's Wharf, 200 feet, and since that time I have been engineer of harbour, the duties of which I trust have been done to the satisfaction of the mmissioners.

I remain,
Your obedient servant,

KIVAS TULLY,
*Engineer.*

B. LEE, Esq.,
Chairman Toronto Harbour Commissioners.

# APPENDIX No. 8.

## REPORT OF THE PICTOU, N.S., HARBOUR COMMISSIONERS FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

PICTOU, N.S., January, 17, 1903.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose you accounts of the Harbour Commissioners for the port of Pictou, N.S., for the year endded December 31, 1902.

Yours very truly,

HENRY G. IVES,
*Secretarg.*

STATEMENT of Account of Harbour Dues collected at the Port of Pictou, N.S., for the year ended December 31, 1902.

| | | $ cts. | $ cts. |
|---|---|---|---|
| 1901. | RECEIPTS. | | |
| Dec. 31 | Balance in Bank of Nova Scotia | 125 00 | |
| 1902. | | | |
| Dec. 31 | Harbour dues collected during year ended December 31, 1902, 74,077 tons at 1½ cts. per ton | 1,111 15 | 1,236 15 |
| | DISBURSEMENTS. | | |
| | Paid salary Harbour Master Capt. Jas. A. Fraser, during year ended December 31, 1902 | 300 00 | |
| | Deposited to credit of Harbour Commissioners in Bank of Nova Scotia | 811 15 | 1,111 15 |
| 1902. | | | |
| Dec. 31 | Balance in Bank of Nova Scotia | 125 00 | |

R. G. FRASER,
*Collector of Customs.*

PICTOU, N.S., December 31, 1902.

HARBOUR COMMISIONERS, Port of Pictou, N.S., in account with Henry G. Ives, Secretary.

| 1902. | | $ cts. | 1902. | | $ cts. |
|---|---|---|---|---|---|
| Jan. 1 | By Balance in Bank of Nova Scotia | 1,024 91 | Jan. 20 | To Commissioners' travelling expenses | 10 00 |
| Dec. 31 | Deposit receipt.....$2,678 04 | | " 20 | E. M. McDonald's account | 13 58 |
| " 31 | Interest to date .... 93 73 | | Mar. 18 | Joseph Graham, wharfinger, &c | 25 00 |
| | | 2,771 77 | " 23 | S.S. *Arcadia* putting out buoys and bushing channel East River | 30 00 |
| " 31 | Deposited by Collector of Customs in 1902 | 811 15 | " 23 | Poles for East River | 4 40 |
| | | | " 29 | Pumping out buoys | 2 00 |
| | | | June 17 | G. C. Reddy, repairing buoy | 5 32 |
| | | | " 20 | G. J. English's account, bushing Middle River | 12 00 |
| | | | " 23 | Thos. Fraser, bushing West River | 8 00 |
| | | | July 4 | Ed. Cameron, covering buoy | 5 07 |
| | | | Aug. 7 | J. T. Panitin, repairs to wharf | 8 50 |
| | | | " 21 | Painting buoys | 5 00 |
| | | | Nov. 11 | E. M. McDonald, legal services | 63 28 |
| | | | Dec. 16 | Wm. R. Graham, bushing East River | 20 00 |
| | | | " 16 | S.S. *Arcadia* taking in buoys | 20 00 |
| | | | " 22 | Secretary's salary | 100 00 |
| | | | " 31 | Deposit receipt | 2,771 77 |
| | | | " 31 | Balance in Bank of Nova Scotia | 1,503 91 |
| | | 4,607 83 | | | 4,607 83 |
| 1903. | | | | | |
| Jan. 1 | By balance in Bank of Nova Scotia per account | 1,503 91 | | | |

HENRY G. IVES,
*Secretary.*

PICTOU, N.S., January 17, 1903.

# APPENDIX No. 9.

## REPORT OF THE HARBOUR COMMISSIONERS OF NORTH SYDNEY, N.S. FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

NORTH SYDNEY, C.B., June 2, 1903.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—The Harbour Commissioners for this port beg to hand you herewith a statement of receipts and expenditure in connection with the port for the year ended December 31, 1902.

Also a report of the arrivals, the quantity of coal shipped and ore imported.

Your obedient servant,

WM. HACKETT,
*Secretary.*

Number, tonnage and classification of vessels that arrived during the year ended December 31, 1902. Navigated by 54,165 men.

| | Number. | Tonnage. |
|---|---|---|
| Ocean steamers | 745 | 1,117,517 |
| Coasting steamers | 312 | 123,941 |
| Barques | 14 | 9,182 |
| Ships | 2 | 2,820 |
| Barkentines | 19 | 4,998 |
| Brigantines | 16 | 2,624 |
| Schooners | 1,595 | 157,857 |
| | 2,703 | 1,418,939 |

Coal shipments:

| | |
|---|---|
| Dominion Coal Co., Ltd | 839,218 |
| Nova Scotia Steel & Coal Co., Ltd | 269,976 |

Iron ore importations:

| | |
|---|---|
| Dominion Steel Co,, Ltd | 364,399 |

Number of steamers called for bunker coal:
39 from United States ports.
137 from Canadian and European ports.

WM. HACKETT,
*Secretary Harbour Commissioners.*

HARBOUR COMMISSIONERS' Statement of Receipts and Expenditure for the Year ending December 31, 1902.

| 1902. | Receipts. | $ cts. | 1902. | Expenditure. | $ cts. |
|---|---|---|---|---|---|
| Jan. 1 | Amount on hand | 1,282 08 | June 20 | Joseph McPherson | 22 50 |
| May 13 | Received from R. Johnson | 25 25 | " 30 | George McInnis (logs) | 25 60 |
| June 12 | " harbour dues | 174 60 | " 30 | James McInnis (logs) | 25 60 |
| " 30 | " from R. Johnson | 30 00 | " 30 | Jno. Beaton (logs) | 23 90 |
| July 5 | " harbour dues | 107 90 | " 30 | Ingram Ball (logs) | 20 80 |
| Aug. 2 | " from R. Johnson | 25 00 | July 8 | John McMullin (logs) | 32 52 |
| " 5 | " harbour dues | 345 97 | " 8 | John Johnson (logs) | 73 44 |
| Sept. 10 | " " | 357 08 | " 8 | Making boom for logs | 2 00 |
| Oct. 10 | " " | 266 02 | " 14 | Banks McLean (logs) | 27 24 |
| Nov. 11 | " " | 339 95 | " 16 | Neil McSween (logs) | 23 04 |
| Dec. 3 | " " | 243 87 | " 19 | Labour on breakwater | 21 95 |
| " 20 | " " | 342 82 | " 22 | Hy. Ball (logs) | 17 60 |
| " 31 | " " | 486 43 | " 22 | Banks McLean (logs) | 20 40 |
| | | | " 23 | J. McMullin (logs) | 4 50 |
| | | | " 24 | Ingram Ball (logs) | 12 00 |
| | | | " 26 | A. McLean (logs) | 8 25 |
| | | | " 26 | Labour on breakwater | 27 00 |
| | | | " 26 | Allan Bedford | 9 00 |
| | | | " 28 | Chas. Moore | 9 00 |
| | | | Aug. 2 | Labour on breakwater | 36 00 |
| | | | " 2 | Foreman McLellan | 15 00 |
| | | | " 8 | Labour on breakwater | 29 80 |
| | | | " 16 | " " | 65 00 |
| | | | " 16 | Ingram Ball (logs) | 12 32 |
| | | | " 16 | John Johnson | 4 00 |
| | | | " 22 | Foreman McLellan | 10 00 |
| | | | " 22 | Labour on breakwater | 42 00 |
| | | | " 22 | Truckage | 25 |
| | | | " 27 | Ingram Ball (logs) | 8 55 |
| | | | " 28 | John Johnson (logs) | 5 00 |
| | | | " 30 | Labour on breakwater | 80 10 |
| | | | " 30 | Geo. McInnis (logs) | 32 56 |
| | | | Sept. 6 | Labour on breakwater | 35 00 |
| | | | " 8 | J. McIntyre (logs) | 19 44 |
| | | | " 8 | Hy. Ball (logs) | 16 80 |
| | | | " 13 | Labour on breakwater | 38 48 |
| | | | " 17 | Joseph Ivey, acct. boat | 7 20 |
| | | | " 18 | Hugh McDonald (logs) | 7 65 |
| | | | " 20 | Labour on breakwater | 42 00 |
| | | | " 20 | P. McLean & Chas. Moore (logs) | 54 63 |
| | | | " 22 | Angus McIntyre (logs) | 12 78 |
| | | | " 23 | Two loads brush | 1 00 |
| | | | " 24 | J. D. McNeil | 2 00 |
| | | | " 26 | Labour breakwater | 42 00 |
| | | | " 29 | Henry Roach | 7 04 |
| | | | Oct. 7 | Allan Bedford | 8 75 |
| | | | " 11 | Labour on breakwater | 47 25 |
| | | | " 18 | " " | 21 00 |
| | | | " 20 | P. McLean (timber) | 8 37 |
| | | | " 25 | Labour on breakwater | 37 62 |
| | | | Nov. 1 | " " | 23 40 |
| | | | " 17 | R. Musgrave, iron work | 149 81 |
| | | | " 17 | J. Salter's Sons (logs) | 4 00 |
| | | | Dec. 18 | Bent & Cahoon | 21 06 |
| | | | | Harbour master | 400 00 |
| | | | | P. J. McDonald | 300 00 |
| | | | | Rent | 75 00 |
| | | | | Wm. Hackett | 400 00 |
| | | | | M. W. Lawlor | 300 00 |
| | | | | Balance on hand | 1,197 87 |
| | | 4,026 97 | | | 4,026 97 |

P. J. McDONALD,
M. W. LAWLOR,
WM. HACKETT, *Commissioners.*

NORTH SYDNEY, C.B., June 2, 1903.

# APPENDIX No. 10.

## REPORT OF THE PILOTAGE AUTHORITY OF MONTREAL FOR THE CALENDAR YEAR ENDED DECEBER 31, 1902.

HARBOUR COMMISSIONERS OF MONTREAL,
SECRETARY'S OFFICE,
MONTREAL, April 6, 1903.

Col. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, as the pilotage authority, to transmit, for the information of the Honourable the Minister of Marine and Fiseries, the following report of the pilotage district of Montreal for the year ended December 31, 1902.

The accompanying statement gives the names, earnings, &c., of all the pilots for the past season, and shows an increase of $4,357.05 over that of 1901.

The total amount of pilotage dues was received from the following services, namely:

| | | |
|---|---|---|
| *British* | | |
| Steamships | $53,982 62 | |
| Sailing vessels | 328 78 | |
| | | $54,311 40 |
| *Foreign.* | | |
| Steamships | $15,678 71 | |
| Sailing vessels | 217 24 | |
| | | $15,895 95 |
| Total | | $70,207 35 |

Before the opening of the season, the selection of pilots for special service was made in conformity with By-laws 108 and 109 of the Commissioners, on application being made by the pilots.

On April 5, pilots Elzear Bellisle, Louis A. Bouillé, Narcisse Perrault and Joseph Pleau, over 65 years of age, were granted a renewal of their licenses for one year, after having filed medical certificates to the effect that their eyesight was normal, and after being examined under the provisions of By-law 103.

Pilots Liboire Perrault and Josephat Sauvageau, who had been on the pension list for the year, on account of the bad state of their health, were again placed on the list of pensioners for one year from May 1, after filing medical certificates to the effect that their condition had not improved.

Pilot Achile Bélanger, licensed on May 19, 1900, was on account of impaired health, placed on the pension list for one year from May 1.

Pilot Jean Nault, of Deschambault, who had been licensed on February 20, 1884, died on June 14.

On June 13 two pilots were granted branches after complying with all the requirements of the by-laws, they are: Melville Labranche, of Portneuf, and Azarias Paquin, of Deschambault.

This leaves fifty-five pilots on the list, while the number allowed by By-law 99 is seventy-five.

In December an examination of apprentice pilots was held at which there was only one candidate, Mr. Albert Gagnon, of Three Rivers, who passed a satisfactory examination and was granted a permit as provided by By-law No. 96.

The following list gives the name, age, residence and date of license of each apprentice pilot now serving his time under this authority :—

LIST OE APPRENTICE PILOTS.

| No. | Name. | Age. | Residence. | Date of License. |
|---|---|---|---|---|
| 1 | Gariépy, J. A. W. | 24 | St. Albans | June 2, 1896. |
| 2 | Gagnon, Albert | 26 | Three Rivers | October 11, 1892. |
| 3 | Angers, Alfred | 26 | Ste. Anne de la Pérade | January 30, 1894. |
| 4 | Frenette, Oswald | 27 | Portneuf | August 16, 1899. |
| 5 | Hamelin, Chas. B. | 23 | Champlain | " " |
| 6 | Perron, Tancrède | 25 | Deschambault | " " |
| 7 | Angers, J.-B. | 22 | Ste. Anne de la Pérade | " " |
| 8 | Frenette, Delavoie | 25 | Portneuf | " " |
| 9 | Gauthier, Laurent J | 25 | Deschambault | " " |
| 10 | Perrault, Fils, David | 22 | " | " " |
| 11 | Hamelin, Fortunat | 25 | " | " " |
| 12 | Gauthier, Cyriac | 22 | " | " " |
| 13 | Royer, Fils, Jos. | 20 | 88 Fleury Street, Quebec | " " |
| 14 | Carpentier, Eugène | 24 | Champlain | " " |
| 15 | Rivard, Frs. Xavier | 21 | Grondines | " " |
| 16 | Mayrand, Joseph | 25 | Lachevrotière | " " |
| 17 | Arcand, Alfred | 19 | Portneuf | " " |
| 18 | Lachance, Napoléon | 21 | River Lafleur, Isle d'Orleans | December 4 1900. |
| 19 | Frenette, Georges | 25 | Portneuf | " " |
| 20 | Paquin, Emile | 18 | Deschambault | " " |
| 21 | Bouillé, Henri | 20 | " | " " |
| 22 | Larochelle, Eugène | 19 | St. Michel de Bellechasse | " " |
| 23 | Perron, Théodore | 19 | Deschambault | " " |
| 24 | Arcand, Arthur | 25 | Champlain | " " |
| 25 | Roussean, Oscar | 21 | St. Michel de Bellechasse | " " |
| 26 | Dussault, Bona | 21 | Deschambault | " " |
| 27 | Paquin, Côme | 20 | " | " " |
| 28 | Labranche, Chs. Ed. | 19 | Portneuf | " " |
| 29 | Arcand, Jos. Art | 19 | Champlain | " " |
| 30 | Boudreau, Anthime | 18 | Deschambault | " " |
| 31 | Gariépy, Laurent | 18 | " | December 18, 1901. |
| 32 | Baribeau, Hormisdas | 18 | 280 rue de la Reine, Quebec | " " |

There are twelve applicants to be placed on the list of apprentice pilots of whom Messrs. Jean Perrault and Emile Rodrigue have passed their examination, but have not yet taken their license.

LIST OF APPLICANTS TO BE PLACED ON THE LIST OF APPRENTICE PILOTS.

| No. | Name. | Residence. | Date of Application. |
|---|---|---|---|
| 1 | *Rodrigue, Emile | Deschambault | January 10, 1900. |
| 2 | *Perrault, Jean | " | May 25, 1897. |
| 3 | Thibaudeau, Emile | Portneuf | January 7, 1901. |
| 4 | Belisle, N. Oscar | Deschambault | " 28, 1901. |
| 5 | Dussault, Laurent | " | March 2, 1901. |
| 6 | Simard, J. P. Geo, H. | St. Michel de Bellechasse | " 6, 1901. |
| 7 | Arcand, Jos. Arthur | Deschambault | August 31, 1902. |
| 8 | DeVilliers, Napoléon | Lotbinière | " 7, 1902. |
| 9 | Gosselin, J. V. Achille | Deschambault | October 6, 1902. |
| 10 | Marchand, J. H. Arm | Three Rivers | " 21, 1902. |
| 11 | Paquette, J. A. Donat | Grondines | Nov. 27, 1902. |
| 12 | Lacroix, P. E. | Contrecœur | Dec. 11, 1902. |

*Passed examination on December 4, 1900.
* " " 18, 1901.

The amounts received and expended by the Harbour Commissioners as pilotage authority for the district, apart from their receipts and disbursements, in trust for the Montreal Decayed Pilots' Fund, of which the annual reports and statements have been sent to you, were as follows :—

*Received.*

| | |
|---|---|
| From Azarias Paquin, fees of pilots' license | $ 10 00 |
| " J. Melville Labranche " " | 10 00 |
| Fees of two licenses of apprentice pilots | 10 00 |
| From pilots 2 per cent of the pilotage dues on sundry vessels | 21 76 |
| " Collector of Customs, Three Rivers, 2 per cent of the pilotage dues on vessels to and from Three Rivers and Batiscan | 36 14 |
| " Collector of Customs, Sorel, 2 per cent of the pilotage dues collected on vessels to and from Sorel | 8 90 |
| " Collector of Customs, Montreal, 2 per cent of the pilotage dues on vessels to and from Montreal | 1,323 26 |
| Total | $1,420 06 |

*Expended.*

| | |
|---|---|
| By *Herald* Publishing Company, printing and stationery | $ 28 50 |
| " Geoffrion, Geoffrion & Cusson, professional services | 13 00 |
| " Anderson, McKenzie & Co., refund of poundage | 0 60 |
| " Dominion Express Co., parcel to Quebec | 0 25 |
| " Elder, Dempster & Co, refund of poundage | 3 51 |
| " Board of Trade, London, Eng., tests for examination of masters and mates | 5 66 |
| " Three pilots, attendance at examination of apprentice pilots for branches | 53 70 |
| " Contribution towards the expenses of the pilotage office at Quebec, which were $673.82, including agent's salary of $500 | 600 00 |
| Total | $ 705 22 |

The above statement shows that the receipts for the year exceeded the expenditure by $714.84, and deducting the indebtedness of 182.55, the amount at the debit of the account on December 31, 1901, the said indebtedness having accumulated in six years, leaves a surplus of receipts over expenditure of $532.29.

The mishaps during the year, which were few, were investigated by the Commissioner of the Montreal Pilots' Court, as provided by the Act 63-64 Victoria, chap. 36, "An Act to Amend the Pilotage Act."

The water in the channel kept at a very satisfactory depth throughout the season, and a list of vessels which passed down during the latter part of the season, drawing twenty feet and over, with the relative depth in the channel on the day of passage, as indicated by the Government gauge at Sorel, is as follows:

STATEMENT showing draft of steamships, for part of season 1902, drawing twenty-six feet and over.

| Date. | | Steamers. | Draft when stationary in Harbour by Pilot's Report. | | Depth of water in channel by Sorel Gauge. | |
|---|---|---|---|---|---|---|
| | | | Ft. | In. | Ft. | In. |
| Aug. | 22 | SS. Hurona | 26 | 6 | 28 | 9 |
| " | 28 | " Lake Simcoe | 26 | 1 | 28 | 1 |
| " | 28 | " Iona | 26 | 0 | 28 | 1 |
| Sept. | 5 | " Monterey | 26 | 5 | 28 | 1 |
| " | 6 | " Ottoman | 26 | 4 | 28 | 0 |
| " | 14 | " Roman | 26 | 6 | 27 | 3 |
| " | 22 | " Montcalm | 26 | 6 | 27 | 9 |
| " | 27 | " Hurona | 26 | 0 | 27 | 1 |
| Oct. | 2 | " Lake Simcoe | 26 | 2 | 28 | 0 |
| " | 5 | " Iona | 26 | 6 | 27 | 7 |
| " | 10 | " Milwaukee | 26 | 0 | 26 | 11 |
| " | 11 | " Ottoman | 26 | 3 | 26 | 9 |
| " | 14 | " Fremona | 26 | 0 | 27 | 0 |
| " | 16 | " Monteagle | 26 | 0 | 27 | 3 |
| " | 18 | " Roman | 26 | 7 | 27 | 8 |
| Nov. | 1 | " Sarmatian | 25 | 2 | 28 | 4 |
| " | 6 | " Pomeranian | 26 | 1 | 27 | 9 |
| " | 8 | " Lake Simcoe | 26 | 3 | 27 | 7 |
| " | 11 | " Hurona | 26 | 0 | 27 | 3 |
| " | 17 | " Ottoman | 26 | 0 | 29 | 5 |
| " | 17 | " Monteagle | 26 | 6 | 29 | 5 |
| " | 22 | " Roman | 27 | 0 | 28 | 11 |

The semaphore at Cap Santé which indicated the depth of water on the Ste. Croix Bar was removed, as that bar had been dredged to twenty-eight feet at extreme low water, and placed at St. Nicholas to indicate the depth of water on the St. Augustin shoal. This semaphore, together with the one at Cap à la Roche, were worked throughout the season, and for the information of pilots, the depths of water which were received daily by telegram were posted in the pilotage office here.

The usual edition of the tide-tables, the date for which were furnished by your Department, was published by the Commissioners and distributed to the pilots and to the shipping firms for the use of the vessels.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH,
*Secretary.*

HARBOUR COMMISSIONERS OF MONTREAL,
SECRETARY'S OFFICE,
MONTREAL, January 7, 1903.

Col. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, to transmit you herewith, for the information of the Honourable the Minister of Marine and Fisheries, the usual statements (1) receipts and disbursements of the Montreal Decayed Pilots' Fund for the year ended December 31, 1902, and (2) assets of the fund at December 31, 1902.

The following is an abstract of the former:

*Receipts.*

| | |
|---|---|
| 5 p. c. of pilotage dues collected at Montreal | $3,308 22 |
| " " " at Three Rivers and Batiscan | 94 26 |
| " " " at Sorel | 22 23 |
| " " " sundry vessels | 50 56 |
| Amount collected and applied under paragraph 62 of Pilotage Act | 55 00 |
| | $3,530 37 |
| Interest on investments and cash in bank | 2,356 77 |
| Total | $5,887 14 |

*Disbursements.*

| | |
|---|---|
| Pensions to old pilots and widows of pilots and minors | $5,881 23 |
| Audit of the fund for 1901 | 25 00 |
| Postage stamps and stationery | 10 00 |
| Funeral expenses of late pilot George Veillet | 53 99 |
| Total | $5,870 22 |

Showing a gain for the year of $16.92.

The question under discussion last year of reducing the pensions in order to keep the expenditure within the revenue, was acted upon, and after consulting with the Committee of Montreal Pilots, it was decided to reduce the pensions of old pilots from $360 to $300 per annum, commencing from May 1 last, and the revenue for the past year has been sufficient to meet the expenditure.

Before the opening of navigation pilot Achille Bélanger applied to be placed on the pension list and filed a medical certificate to the effect that he was unable to exercise the duties of pilot, and he was placed on the pension list for one year from May 1.

Pilots J. Sauvageau and L. Perrault, who had been on the list for one year from May 1, 1901, renewed their application and filed medical certificates to the effect that their health had not improved, and were continued as pensioners for another year.

Pilot Jean Nault, of Deschambault, licensed on February 20, 1884, died on June 14, 1902, and his widow was placed on the pension list from June 15.

At the close of the year there were 25 pensioners, 13 old pilots, 11 widows and the minors of one pilot deceased.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH,
*Secretary.*

**Dr.** — **David Seath, Treasurer, in account with the Montreal Decayed Pilot Fund.** — **Cr.**

| 1902. | | $ cts. |
|---|---|---|
| Jan. 2 | To balance from December, 1901 | 3,755 51 |
| " 7 | City of Montreal, six months' interest to January 1, on $5,000.00 of 5 per cent Montreal city stock | 125 00 |
| " 31 | Montreal harbour coupons, due January 5, 1902— | |
| | Series R, Nos. 20 and 102 =$2 00 × $15 00 = $ 30 00 | |
| | " R " 42 and 117-119 = 4 00 × 30 00 = 120 00 | |
| | " R " 84 = 1 00 × 60 00 = 60 00 | |
| | " D " 21 and 45-49 = 6 00 × 25 00 = 150 00 | |
| | " F " 164-172 = 9 00 × 20 00 = 180 00 | |
| | " G " 289-290 = 2 00 × 20 00 = 40 00 | |
| | " H " 64, 65, 139-142 = 6 00 × 20 00 = 120 00 | |
| | " J " 231-246 =16 00 × 20 00 = 320 00 | |
| | | 1,020 00 |
| May 13 | To Pilot A. Briere, 5 per cent pilotage dues, ss. *Tiger*, Quebec to Montreal, 21 ft. draught | 2 62 |
| " 20 | Pilot N. Bouille, 5 per cent pilotage dues, ss. *Minnetouka*, Montreal to Quebec, 11 ft. draught | 1 37 |
| " 21 | Pilot N. C. Dufresne, 5 per cent pilotage dues, yacht *Gundreda*, Quebec to Montreal, 12 ft. 6 in. draught | 1 56 |
| " 31 | Masters and owners, schr. *Empress*, pilotage dues, Quebec to Montreal, 13 ft. 6 in. draught, at $2, collected under Section 62 of the Pilotage Act | 27 00 |
| " 31 | Collector of Customs, Montreal, ⅔ Trinity dues, collected in May | 443 52 |
| June 11 | Pilot J. E. Pleau, 5 per cent pilotage dues, yacht *Gundreda*, Quebec to Montreal, 12 ft. 6 in. draught | 1 55 |
| " 11 | Pilot J. E. Pleau, 5 per cent pilotage dues, ss. *Agnar*, Quebec to Montreal, 21 ft. draught; Montreal to Quebec, 14 ft. draught | 4 36 |
| " 13 | Masters and owners, schr. *Laura*, pilotage dues, Quebec to Montreal, 14 ft. draught at $2, collected under Section 62 of the Pilotage Act | 28 00 |
| " 30 | Collector of Customs, Montreal, ⅔ Trinity dues, collected in June | 422 99 |
| July 4 | Pilot A. Perrault, 5 per cent pilotage dues, ss. *Agnar*, Quebec to Montreal, 20 ft. 6 in. draught; Montreal to Quebec, 11 ft. draught | 4 30 |
| " 22 | Pilot A. Perreault, 5 per cent pilotage dues, schr. *Charlevoix*, Quebec to Montreal, 15 ft. draught | 1 50 |
| " 22 | Pilot G. Veillette, 5 per cent pilotage dues, ss. *Agnar*, Quebec to Montreal, 21 ft. draught | 2 62 |
| " 31 | Pilot N. C. Dufresne, 5 per cent pilotage dues, yacht *Gundreda*, Quebec to Montreal, 12 ft. 6 in. draught | 1 55 |
| | Carried forward | 5,843 45 |

| 1902. | | $ cts. |
|---|---|---|
| Feb. 1 | By pensions paid to the following for three months ended January 31— | |
| | Heirs L. Bellisle | 37 33 |
| | Widow L. D. Bouille | 29 33 |
| | " A. Dufresne | 37 33 |
| | " V. Gagnon | 37 33 |
| | " J. O. Hamelin | 37 33 |
| | " J. Leveille | 37 33 |
| | " A. Lise | 37 33 |
| | " D. Mathieu | 32 00 |
| | " E. Naud | 32 00 |
| | " J. Toupin | 32 00 |
| | " A. Gauthier | 32 00 |
| | Old Pilot, J. Arcand | 90 00 |
| | " P. Belanger | 90 00 |
| | " C. Bellisle | 90 00 |
| | " Z. Bouille | 90 00 |
| | " F. Desjordy | 90 00 |
| | " P. Gagnon | 90 00 |
| | " L. Mayrand | 90 00 |
| | " A. Naud | 90 00 |
| | " D. Perrault | 90 00 |
| | " J. Sauvageau | 90 00 |
| | " T. Toupin | 90 00 |
| Feb. 22 | " L. Perrault, 3 months ended October 31, 1901 | 90 00 |
| " 22 | " " " January 31, 1902 | 90 00 |
| May 1 | By pensions paid to the following for three months ended April 30— | |
| | Heirs L. Bellisle | 37 33 |
| | Widow, L. D. Bouille | 29 33 |
| | " A. Dufresne | 37 33 |
| | " V. Gagnon | 37 33 |
| | " A. Gauthier | 32 00 |
| | " J. O. Hamelin | 37 33 |
| | " J. Leveille | 37 33 |
| | " A. Lise | 37 33 |
| | " D. Mathieu | 32 00 |
| | " E. Naud | 32 00 |
| | " J. Toupin | 32 00 |
| | Old Pilot, J. Arcand | 90 00 |
| | " P. Belanger | 90 00 |
| | " C. Bellisle | 90 00 |
| | " Z. Bouille | 90 00 |
| | Carried forward | 2,292 62 |

**Dr.** DAVID SEATH, Treasurer, in account with the Montreal Decayed Pilots' Fund—*Continued.* **Cr.**

| 1902. | | $ cts. |
|---|---|---|
| | Brought forward | 5,843 45 |
| July 31. | To Collector of Customs, Montreal, ½ Trinity dues, collected in July | 569 40 |
| " 31. | Montreal Harbour coupons, due July 5, 1902— | |
| | Series R, Nos. 20 and 102 = 2 × $15 00 = $ 30 00 | |
| | " R " 42 and 117-119 = 4 × 30 00 = 120 00 | |
| | " R " 84 = 1 × 60 00 = 60 00 | |
| | " D " 21 and 45-49 = 6 × 25 00 = 150 00 | |
| | " F " 164-172 = 9 × 20 00 = 180 00 | |
| | " G " 239-290 = 2 × 20 00 = 40 00 | |
| | " H " 64, 65, 139-142 = 6 × 20 00 = 120 00 | |
| | " J " 221-246 = 16 × 20 00 = 320 00 | 1,020 00 |
| Aug. 11. | Pilot H. Dussault, 5 per cent pilotage dues, H.M.S. *Psyche*, Quebec to Montreal, and return 16 ft. 6 in. draught, September, 1901 | 4 11 |
| " 12. | Pilot A. Paquin, 5 per cent pilotage dues, ss. *Gaspesien*, Quebec to Montreal, 9 ft. 6 in. draught, Montreal to Quebec, 10 ft. 6 in. draft | 2 50 |
| " 12. | H. Dussault, 5 per cent pilotage dues, yacht *Gundreda*, Montreal to Quebec, 12 ft. 6 in. draught, July 10, 1901 | 1 50 |
| " 12. | City of Montreal, six months' interest to July 1, on $5,000.00 of 5 per cent Montreal city stock | 125 00 |
| " 27. | Pilot A. Gooleau, 5 per cent pilotage dues, ss. *Lord Strathcona*, Quebec to Montreal, 12 ft. 5 in. draught, Montreal to Quebec, 13 ft. 4 in. draught | 3 21 |
| " 28. | Pilot J. Leveille, 5 per cent pilotage dues, ss. *Rustington*, Batiscan to Quebec, 17 ft. draught | 1 59 |
| " 31. | Collector of Customs, Montreal, ½ Trinity dues, collected in August | 424 24 |
| Sept. 1. | Pilot N. C. Dufresne, 5 per cent pilotage dues yacht *Gundreda*, Aug. 2, Montreal to Quebec, 13 ft. draught also Aug. 30, Montreal to Quebec, 13 ft. draught | 3 24 |
| " 13. | Pilot A. Paquin, 5 per cent pilotage dues, ss. *Gaspesieu*, Quebec to Montreal, 6 ft. 6 in. draught, Montreal to Quebec, 10 ft. 6 in. draught | 2 50 |
| " 27. | Pilot A. Paquin, 5 per cent pilotage dues ss. *Gaspesieu*, Quebec to Montreal, 10 ft. draught, Montreal to Quebec, 10 ft. draught | 2 50 |
| " 30. | Collector of Customs, Montreal ½ Trinity dues, collected in September | 535 46 |

| 1902. | | $ cts. |
|---|---|---|
| | Brought forward | 2,292 62 |
| May 1 | By pensions paid to the following for three months ended April 30— | |
| | Old Pilot, F. Desjordy | 90 00 |
| | " P. Gagnon | 90 00 |
| | " L. Mayrand | 90 00 |
| | " A. Naud | 90 00 |
| | " D. Perrault | 90 00 |
| | " L. Perrault | 90 00 |
| | " J. Sauvageau | 90 00 |
| | " T. Toupin | 90 00 |
| Aug. 1. | By pensions paid to the following for three months ended July 30— | |
| | Heirs L. Bellisle | 37 33 |
| | Widow L. D. Bouillé | 29 33 |
| | " A. Dufresne | 37 33 |
| | " V. Gagnon | 37 33 |
| | " A. Gauthier | 32 00 |
| | " J. O. Hamelin | 37 33 |
| | " J. Léveillé | 37 33 |
| | " A. Lisé | 37 33 |
| | " D. Mathieu | 32 00 |
| | " E. Naud | 32 00 |
| | " J. Nault | 18 66 |
| | " J. Toupin | 32 00 |
| | Old pilot J. Arcand | 75 00 |
| | " C. Belisle | 75 00 |
| | " P. Belanger | 75 00 |
| | " A. Belanger | 75 00 |
| | " Z. Bouillé | 75 00 |
| | " F. Desjordy | 75 00 |
| | " P. Gagnon | 75 00 |
| | " A. Naud | 75 00 |
| | " L. Mayrand | 75 00 |
| | " D. Perrault | 75 00 |
| | " L. Perrault | 75 00 |
| | " J. Sauvageau, | 75 00 |
| | " T. Toupin | 75 00 |
| Nov. 1. | By pensions paid to the following for three months ended October 31— | |
| | Heirs L. Bellisle | 37 33 |
| | Widow L. D. Bouillé | 29 33 |
| | " A. Dufresne | 37 33 |
| | " V. Gagnon | 37 33 |

| | | |
|---|---|---|
| Oct. 17.. | Pilot A. Paquin, 5 per cent pilotage dues ss. *Gaspésien*, Quebec to Montreal, 11 ft. draught, Montreal to Quebec, 11 ft. draught | 2 75 |
| " 30. | Pilot N. Bouille, 5 par cent pilotage dues ss. *Imperial*, Quebec to Montreal, 11 ft. 6 in. draught | 1 42 |
| " 31. | Collector of Customs, Montreal ⅘ Trinity dues, collected in October | 387 43 |
| Nov. 5. | Pilot A. Briéne, 5 per cent pilotage dues, ss. *Langfond*, Montreal to Batiscan, 13 ft. draught | 1 15 |
| " 26. | Collector of Customs, Three Rivers, ⅘ Trinity dues, collected at Three Rivers in 1902 | 90 35 |
| " 28. | Collector of Customs, Three Rivers, ⅘ Trinity dues, collected at Bastican in 1902 | 3 91 |
| " 30. | Collector of Customs, Montreal, ⅘ Trinity dues, collected in November | 360 06 |
| Dec. 11. | Collector of Customs, Sorel, ⅘ Trinity dues, collected at Sorel in 1902 | 22 23 |
| " 12. | Collector of Cnstoms, Montreal, ⅘ Trinity dues, collected at Montreal, balance of 1902 | 165 12 |
| " 17. | Pilot C. Auger, 5 per cent pilotage dues on tug *Lord Stanley*, Quebec to Montreal, Nov. 26, 1901, draft, 9 ft. 9 in | 1 21 |
| " 20. | Pilot J. E. Pleau, 5 per cent pilotage dues on yacht *Gundreda*, Montreal to Quebec, draught, 12 ft. 6 in. | 1 55 |
| " 31. | Montreal City and District Savings Bank, interest at rate of 3 per cent per annum, on money on deposit during 1902 | 66 77 |
| | Total | 9,642 65 |

| | | |
|---|---|---|
| | " A. Gauthier | 32 00 |
| | " J. O. Hamelin | 37 33 |
| | " J. Léveillé | 37 33 |
| | " A. Lisé | 37 33 |
| | " D. Mathieu | 32 00 |
| | " E. Naud | 32 00 |
| | " J. Nault | 37 33 |
| | " J. Toupin | 32 00 |
| | Old Pilot J. Arcand | 75 00 |
| | " C. Bellisle | 75 00 |
| | " Z. Bouillé | 75 00 |
| | " P. Belanger | 75 00 |
| | " A. Belauger | 75 00 |
| | " F. Desjordy | 75 00 |
| | " P. Gagnon | 75 00 |
| | " L. Mayrand | 75 00 |
| | " A. Naud | 75 00 |
| | " D. Perrault | 75 00 |
| | " L. Perrault | 75 00 |
| | " J. Sauvageau | 75 00 |
| | " T. Toupin | 75 00 |
| Dec. 10. | Riddell & Common, audit of fund for 1901 | 25 00 |
| " 20 | By Rev. J. T. R. Lafleche, Curé of Ste. Anne de la Pérade, funeral expenses of late pilot G. Veillette, who died Sept. 16, 1902, leaving no estate | 53 99 |
| " 31. | Stationery and postage on pensions remitted during year of 1902 | 10 00 |
| " 31. | Balance to January 1903 | 3,772 43 |
| | Total | 9,642 65 |

DR. DAVID SEATH, Treasurer, in Account with the Montreal Delayed Pilot Fund. CR.

STATEMENT OF THE FUND.

| Nos. | Series. | — | $ cts. |
|---|---|---|---|
| | | Montreal harbour debentures— | |
| 20 and 102 | R | Due July 5, 1906, interest at 6 per cent, 2 × $ 500..... | 1,000 00 |
| 42 and 117-119 | R | " 5, 1906 " 6 " 4 × 1,000..... | 4,000 00 |
| 84 | R | " 5, 1906 " 6 " 1 × 2,000..... | 2,000 00 |
| 21 and 45-49 | T | " 5, 1915 " 5 " 6 × 1,000..... | 6,000 00 |
| 164-172 | F | " 5, 1917 " 4 " 9 × 1,000..... | 9,000 00 |
| 289-290 | G | " 5, 1918 " 4 " 2 × 1,000..... | 2,000 00 |
| 64-65 | H | " 5, 1921 " 4 " 2 × 1,000..... | 2,000 00 |
| 139-142 | H | " 5, 1921 " 4 " 4 × 1,000..... | 4,000 00 |
| 231-246 | J | " Jan. 5, 1924 " 4 " 16 × 1,000..... | 16,000 00 |
| | | City of Montreal consolidated fund— | |
| 165..... | | Due July 1, 1910, interest at 5 per cent, 50 × $100..... | 5,000 00 |
| | | Cash in Montreal City and District Savings Bank at 3 per cent... | 3,772 43 |
| | | | 54,772 43 |

DAVID SEATH,
*Treasurer.*

MONTREAL, December 31, 1902.

We hereby certify that we have examined the entries for the year 1902, as recorded in the preceding pages, and have found them to agree with vouchers on file. Also, that debentures and certificates to the amount of $54,772.43, as described in statement on opposite page, have this day been submitted for our inspection.

RIDDELL & COMMON, C.A.,
*Auditors.*

MONTREAL, January 6, 1903.

# APPENDIX No. 11.

## REPORT OF THE QUEBEC PILOTAGE AUTHORITY FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 20, 1903.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to transmit you, herewith, in duplicate, the Commissioners' Report as Pilotage Authority for the year 1902, as also the various statements containing the information yearly conveyed to your department.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
*Secretary-Treasurer.*

## QUEBEC HARBOUR COMMISSIONERS' REPORT AS PILOTAGE AUTHORITY FOR THE YEAR 1902.

*(Under 36 Victoria, Chapter 54, Section 22.)*

QUEBEC, January 2, 1903.

To the Honourable RAYMOND PREFONTAINE,
Minister of Marine and Fisheries, &c., &c., &c.,
Ottawa.

SIR,—In compliance with the requirements of 'The Pilotage Act,' 36 Victoria, chapter 54, section 22, I have the honour to submit the following report from the Quebec Harbour Commissioners as Pilotage Authority for the year 1902.

### SERVICE OF THE PILOTAGE STATIONS.

The operations of the year began on April 15, when eight pilots left by the cars for the pilotage station to embark on the Pilot Schooner *La Vigie* that had wintered at Bic.

Four other pilots left by the cars on April 22, and the pilot schooner *La Mouette* sailed for the station at Bic with twelve pilots on board on April 24.

As usual all the pilot stations have been provided with pilots during the season through the Intercolonial Railway and the pilot schooners, and the service has been performed to the satisfaction of the Commissioners.

OLD PILOTS.

Previous to the opening of navigation, nine of the old pilots who had attained the age of sixty-five and over, were summonned before the Commissioners under the authority of the 32nd section of 'The Pilotage Act,' in order to ascertain whether they could continue in the exercise of their duties for the ensuing year. Previous to coming before the Pilotage Authority these old pilots had passed an examination before a specialist, selected by the Commissioners, as to their sight, colour sight, and hearing, and at this final examination eight were found to be competent to perform their duties, and their licenses were accordingly renewed for one year.

One old pilot No. 9 on the list of 1901, whose eyes were found to be diseased, was not allowed to pilot until they were in a better condition, and as he has not as yet been able to satisfy the Commissioners, has not been piloting this year.

PILOTS SUPERANNUATED.

Two pilots have been placed on the retired list during the year, viz :—

Joseph Pouliot, of St. John, Orleans, and Achille Damours of St. Valier. Pilot Pouliot received his branch Sept. 23, 1853, and Pilot Damours on June 16, 1863. Pilot Pouliot having thus served for forty-nine years, and Pilot Damours for nearly forty years. Pilot Damours' resignation dating from December 1, 1902.

DEATHS.

Three pilots have died during the year, viz :—

Messrs. David Damours, Jean-Baptiste Pouliot, sr., and Théophile Gourdeau.

Pilot Damours was branched on September 15, 1854, Pilot Pouliot on August 20, 1861, and Pilot Gourdeau on October 7, 1870, thus having respectively forty-eight, forty one, and thirty-two years of service.

COMPLAINTS AGAINST THE PILOTAGE SERVICE.

Complaints of delay in getting their pilots at Bic have been made by the Master of the SS. *Avona*, and by the Dominion Iron & Steel Co., for their SS. *Pola*; in both of those cases the answers of the Corporation of Pilot were sent to the complainants, and no reply received.

The Commissioners are of opinion that the present schooner and boat service is altogether inadequate for present needs, and should be at once replaced by a proper steam tender service, and this change they have been urging upon the Corporation of Pilots.

TRIALS.

Three pilots have been placed on trial before the Commissioners during the season of 1902, two of them under complaints from the masters of the vessels of which they were in charge; and the third Samuel Rioux, Pilot No. 68 (against whom no complaint was lodged) under the provisions of Sec. 100 of the Pilotage Act (45 Vict., chap. 32 s. 4).

In two of these cases the pilots were found guilty, and in the third, that of Samuel Rioux a verdict of not guilty was rendered. A statement annexed to this report conveys the particulars as to the nature of the complaints and the result of the trials.

BY-LAWS.

The Commissioners' by-laws as the Pilotage Authority of the Pilotage District of Quebec were approved by Order in Council of date April 15, and were published in the *Canada Gazette* and came into force on April 26.

Under Article 21 of those by-laws, all the pilots on the active list under the age of 65 years, with the exceptions of Messrs Jos. Pouliot, Theop. Gourdeau, Jean Ev. Adam and John A. Irvine, were examined by a specialist appointed by the Commissioners, as to their sight and hearing; this examination under the by-law has to be repeated every third year. The pilots named, who did not undergo this examination, are not engaged in piloting, and cannot pilot until they are so examined.

### IMPROVEMENTS TO AIDS TO NAVIGATION IN THE PILOTAGE DISTRICT OF QUEBEC.

On June 24, the Commissioners had the pleasure of having an interview with the then Minister of Marine and Fisheries, the Honourable James Sutherland, on the important question of improving the aids to navigation in the pilotage district of Quebec. At this meeting there was also present the deputy Minister of Marine and Fisheries, Chief Engineer, and Mr. J. U. Gregory, the agent of the department in Quebec.

The Commissioners took the opportunity of placing before the honourable the Minister, the changes and additions that they considered necessary, and which will be found in detail in the report of 1901.

At the close of a very pleasant interview, the honourable the Minister said that he did not see that any of the requests made could not be granted, there might be a difference of opinion as to some of them in regard to their importance and necessity; but if they were found to be useful, it was the department's policy to carry them out, and he assured the Commissioners that their recommendations would be attended to with all possible dispatch.

### BUOY AT MOUTH OF SAGUENAY.

A numerousely signed petition from merchants and mariners on the St. Lawrence and Saguenay Rivers asking that the buoy previously placed on the west side of Red Island on the Batture au Loup Marin, shou'd be replaced as before, being very useful for the Saguenay route, was received by the Commissionners in August. Application in this sense was made to the Department of Marine and Fisheries, and the buoy in question placed in the desired position.

### PILOTAGE EARNINGS.

According to a return received from the Secretary-Treasurer of the Corporation of Pilots for and below the harbour of Quebec, their gross earnings for the season have been $112,693.59, and the total expenses $21,317.60, leaving a net balance of $91,375.99 to be divided among 111 or 112 pilots, giving them a dividend of $823 each.

Out of the sum of the gross earnings of $112,693.59, British vessels gave a return of $110,141.39, and foreign vessels $2,552.20.

### DIRECTORS OF THE CORPORATION OF PILOTS.

At their annual meeting held on December 10 last, the pilots elected the following directors to their corporation for the ensuing year: Messrs. L. E. Morin, Edmond Larochelle, sr., Joseph Fortier, Léon Labrecque, Joseph H. Talbot and Louis Thivierge, and at a subsequent meeting of the new board held on December 11, Mr. L. E. Morin was re-elected president.

Annexed to the present report are the various statements not herein alluded to, which contain all the information yearly conveyed to your department by the Commissioners in their capacity of the Pilotage Authority.

I have the honour to be, sir, Your most obedient servant,

JAS. WOODS, *Secretary-Treas.*

## PILOTAGE TARIFF

RATES of Pilotage for the Harbour of Quebec and below, as per By-Law passed by the Quebec Harbour Commissioners, on June 18, 1891, and sanctioned by His Excellency the Governor General in Council on June 26, 1891.

### TABLE 1.

RATES of Pilotage for the Harbour of Quebec and below, for each foot of Draught of Water.

| From | To | From May 1 to Nov. 10. | From Nov. 10 to Nov. 19. | From Nov. 19 to March 1. | From March 1 to May 1. |
|---|---|---|---|---|---|
| Bic Island or any place below the anchorage of Brandy Pots, off Hare Island..... | Anchorage or mooring ground in the basin or harbour of Quebec | $3.87 | $4.95 | $6.02 | $4.41 |
| The anchorage ground at the Brandy Pots off Hare Island or any place above the said anchorage ground and below St. Roch's Point.... | " " .... | ⅔ of this sum. | ⅔ of this sum. | ⅔ of this sum. | ⅔ of this sum. |
| St Roch's Point or any place above this Point and below the Point-aux-Pins, on Crane Island.. ..... | " " .... | ⅓ " .. | ⅓ " .. | ⅓ " .. | ⅓ " .. |
| Point-aux-Pins or Crane Island or any place below St. Patrick's Hole..... | " " .... | ¼ " .. | ¼ " .. | ¼ " .. | ¼ " .. |
| The anchorage or mooring ground in the basin or harbour of Quebec..... | Bic Island or the place where the pilot shall be discharged in the river below Quebec.. | $3.40 | $4.46 | $5.64 | $3.93 |

### TABLE II.

RATES of Pilotage for the Harbour of Quebec and below.

| From. | To. | $ cts. |
|---|---|---|
| Any wharf in the harbour of Quebec between Pointe à Carcy, below, and the west-end of the Allan's wharf above, both inclusive..... . ..... | Any other wharf within said limits..... | 2 50 |
| Any place in the harbour of Quebec, not being a wharf within the above mentioned limits..... | Any other place in the said harbonr not being a wharf within the said limiis.... | 5 00 |

Pilots taking charge of the vessels at St. Patrick's Hole or above it, shall be entitled to no more than the sum allowed in Table II for piloting vessels from one part of the harbour to another.

J.-B. LALIBERTÉ,
*Chairman.*

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1903.

JAS. WOODS,
*Secretary-Treasurer.*

TATEMENT showing the number of Pilots for and below the Harbour of Quebec, on the active list, on December 31, 1902; the number who retired, struck off the active list, or died during the year; the number temporarily suspended; the number who were unable to serve; the number in charge of Government steamers, &c.

| Number. | Name. | Age. | Residence. | Number of Pilotages Effected. | | | Casualties and Remarks. |
|---|---|---|---|---|---|---|---|
| | | | | Inwards. | Outwards. | Movages. | |
| 1 | Charles Francis Brown | 75 | Quebec | 4 | 3 | 3 | |
| 2 | Paul Pâquet | 71 | St. John, Orleans | 4 | 4 | 3 | |
| 3 | Georges Normand | 72 | Crane Island | 4 | 3 | 3 | |
| 4 | Numa Lachance | 68 | St. Michel, Bellechasse | 4 | 3 | 3 | |
| 5 | Joseph Gravel | 76 | Quebec | 4 | 2 | 3 | |
| 6 | Jean-Bte Pouliot | 61 | St. John, Orleans | 4 | 3 | 2 | |
| 7 | Joseph Pâquet | 65 | Quebec | 0 | 0 | 0 | Sick all the season. |
| 8 | Louis Edmond Morin | 64 | " | 11 | 10 | 1 | Employed by the Thompson Line. President of the Corporation of Pilots. Re-elected at last election. |
| 9 | Moïse Lachance | 65 | St. John, Orleans | 4 | 4 | 3 | |
| 10 | Joseph T. Brown | 67 | Quebec | 3 | 4 | 2 | |
| 11 | Hubert Raymond | 63 | " | 6 | 6 | 1 | |
| 12 | Achille Damours | 63 | St. Valier | 4 | 4 | 3 | |
| 13 | Joseph Pouliot | 59 | St. John, Orleans | 0 | 0 | 0 | Sick all the season. |
| 14 | Edmond Larochelle, sr | 59 | Quebec | 0 | 0 | 0 | One of the directors of the Corporation of Pilots. Re-elected at last election. |
| 15 | Laurent Godbout | 59 | " | 4 | 3 | 3 | |
| 16 | Adelme Pouliot | 63 | St. Laurent, Orleans | 4 | 3 | 3 | |
| 17 | Bart. Pepin dit Lachance | 57 | St. John, Orleans | 15 | 16 | 1 | Employed by the Black Diamond Line. |
| 18 | Frs-Xav. Delisle | 57 | Quebec | 3 | 4 | 2 | |
| 19 | Damien Eugène Boulanger | 59 | Tadousac | 0 | 0 | 0 | Master of the Saguenay Station. |
| 20 | Cyprien Langlois | 58 | St. John, Orleans | 4 | 3 | 3 | |
| 21 | Charles Normand | 56 | Quebec | 13 | 19 | 1 | Employed by the Black Diamond Line. |
| 22 | Napoléon Rioux | 57 | Ste. Pétronille, Orleans | 3 | 5 | 3 | |
| 23 | Jean-Bte Tremblay | 59 | Quebec | 3 | 5 | 2 | |
| 24 | Ray. Baquet dit Lamontagne | 57 | Notre-Dame, Lévis | 15 | 15 | 1 | " Elder-Dempster Line. |
| 25 | Frs-Xav. Lamarre | 56 | St. Valier | 5 | 3 | 3 | |
| 26 | Moïse Pouliot | 54 | St. John, Orleans | 4 | 4 | 3 | |
| 27 | Paul Gobeil | 56 | " " | 3 | 4 | 3 | |
| 28 | Chs. Alaric Raymond | 54 | Château-Richer | 5 | 4 | 3 | |
| 29 | Victor Vézina | 57 | Quebec | 11 | 12 | 1 | " Thompson Line. |
| 30 | L. B. O. Goutron dit Larochelle | 55 | St. Michel, Bellechasse | 22 | 18 | 1 | " Allan Line. |
| 31 | Chs. Hermie alias A. Bernier | 57 | " " | 5 | 3 | 3 | |

STATEMENT showing the number of Pilots for and below the Harbour of Quebec, &c.—*Continued.*

| Number. | Name. | Age. | Residence. | Number of Pilotages effected | | | Casualties and Remarks. |
|---|---|---|---|---|---|---|---|
| | | | | Inwards. | Outwards. | Movages. | |
| 32 | Louis Robert Demers | 56 | Quebec | 15 | 15 | 3 | Employed by the Quebec Steamship Company. |
| 33 | Vital Ephrem Chamberland | 62 | Quebec | 0 | 0 | 0 | Office keeper. |
| 34 | Joseph G. Dupil | 55 | " | 19 | 19 | 1 | Employed by the Allan Line. |
| 35 | Joseph Fortier | 58 | St. John, Orleans | 12 | 11 | 1 | " by the Black Diamond Line. Elected director of the Corporation of Pilots at last election. |
| 36 | Nestor Lachance | 57 | " " | 9 | 6 | 1 | " Holme Line. |
| 37 | Cyrille Audet dit Lapointe | 57 | St. Michel, Bellechasse | 3 | 3 | 3 | |
| 38 | Joseph Lapointe | 59 | St Laurent, Orleans | 5 | 2 | 2 | |
| 39 | Pierre Pepin dit Lachance | 53 | Montreal | 15 | 15 | 1 | " Black Diamond Line. |
| 40 | Théophile Gourdeau | 58 | Lauzon, Levis | 0 | 0 | 0 | Died July 4, 1902. |
| 41 | Isiode Noël | 52 | St. John, Orleans | 5 | 3 | 3 | |
| 42 | Jean Evariste Adam | 58 | Trois-Saumons | 0 | 0 | 0 | Sick all the season. |
| 43 | Alfred Larochelle | 52 | St. Michel, Bellechasse | 14 | 15 | 1 | Employed by the Elder-Dempster Line. |
| 44 | Théophile Corriveau | 55 | Quebec | 1 | 1 | 0 | One of the directors of the Corporation of Pilots. Not re-elected at last election. |
| 45 | Elzéar Godbout | 54 | " | 12 | 12 | 1 | Employed by the Black Diamond Line. |
| 46 | Pierre Gobeil | 54 | St. John, Orleans | 4 | 3 | 3 | |
| 47 | Théodule Pepin dit Lachance | 57 | Montreal | 13 | 14 | 1 | " " |
| 48 | Achille Trefflé Simard | 51 | St. Joseph, Levis | 15 | 21 | 1 | " Head Line. |
| 49 | Jean-Bte Patoine | 51 | Montreal | 5 | 6 | 1 | " Black Diamond Line. |
| 50 | Narcisse Lavoie | 53 | Ste. Luce, Rimouski | 0 | 0 | 0 | Master of pilot schooner *Vigie*. |
| 51 | Joseph Emilio Couillard | 51 | Quebec | 8 | 8 | 0 | Employed by the Ross Company. |
| 52 | Louis Albert Royer | 57 | " | 6 | 7 | 1 | " Intercolonial Mine Company. |
| 53 | Onésime Noël | 50 | St. John, Orleans | 12 | 12 | 1 | " Thompson Line. |
| 54 | Napoléon Baillargéon | 52 | Quebec | 5 | 4 | 3 | |
| 55 | Frs-X. Demeules | 50 | St. John. Orleans | 4 | 4 | 3 | |
| 56 | Louis Honoré Lapierre | 52 | Notre-Dame, Levis | 4 | 4 | 0 | |
| 57 | Jos. Eugène Lachance | 48 | St. John, Orleans | 14 | 14 | 1 | " Leyland Line. |
| 58 | David Arthur Bouffard | 48 | St. Laurent, Orleans | 4 | 5 | 3 | |
| 59 | Jean Théophile St Laurent | 51 | Quebec | 17 | 11 | 1 | " Elder-Dempster Line. |
| 60 | Jacques Georges Dugas | 50 | St. Joseph, Levis | 3 | 3 | 3 | |
| 61 | Joseph Victor Gourdeau | 55 | Ste. Pétronille, Orleans | 3 | 4 | 3 | |
| 62 | Louis alias Trefflé Delisle | 48 | Trois-Pistoles | 2 | 5 | 3 | |
| 63 | J.-Bte Couillard | 51 | Cap St. Ignace | 9 | 9 | 1 | |
| 64 | Chs. Pelletier | 52 | St. Michel, Bellechasse | 5 | 3 | 3 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 65 | Nazaire Delisle | 53 | Quebec | 5 | 2 | 3 | |
| 66 | J. E. Bonaventure Lavoie | 50 | Ste. Luce, Rimouski | 3 | 4 | 3 | |
| 67 | Adjutor Baillargéon | 48 | Quebec | 21 | 18 | 1 | " Dominion Hamburg-American Packet Co. |
| 68 | Samuel Rioux | 49 | " | 17 | 18 | 1 | " Allan Line. |
| 69 | Charles Octave Clavet | 48 | St. Michel, Bellechasse | 14 | 14 | 1 | " Black Diamond Line. |
| 70 | Paul Lachance | 46 | Quebec | 18 | 19 | 1 | " Allan Line. |
| 71 | Arcadius Jouvin | 44 | Ste. Luce, Rimouski | 4 | 3 | 3 | |
| 72 | Léon Lebrecque | 52 | St. Laurent, Orleans | 0 | 0 | 0 | One of the directors of the Corporation of Pilots. Re-elected at last election. |
| 73 | Paul Lachance | 47 | St. John " | 9 | 9 | 1 | |
| 74 | Joseph Pouliot | 46 | " " | 14 | 14 | 1 | Employed by the Leyland Line. |
| 75 | Joseph Larochelle | 45 | St. Michel, Bellechasse | 4 | 3 | 3 | |
| 76 | Adjutor Lachance | 44 | " " | 6 | 7 | 2 | |
| 77 | Frs. Goudreau | 51 | Quebec | 16 | 19 | 1 | " Moss Line. |
| 78 | Arthur Koenig | 51 | L'Islet | 9 | 9 | 2 | " Intercolonial Mine Co. |
| 79 | Eugène Anctil | 43 | St. Jean Port Joli | 0 | 0 | 0 | Master of pilot schooner *Monette*. |
| 80 | David Dumas | 49 | Notre-Dame, Levis | 4 | 3 | 3 | |
| 81 | Joseph Lachance | 48 | St. Laurent, Orleans | 6 | 7 | 2 | Employed by the Black Diamond Line. |
| 82 | Paul Pâquet | 44 | St. John, " | 4 | 4 | 2 | |
| 83 | Alphonse Pouliot | 50 | Château-Richer | 4 | 2 | 3 | |
| 84 | Elzéar Normand | 43 | Cap St. Ignace | 6 | 2 | 2 | |
| 85 | Jean-Bte. Bernier | 43 | L'Islet | 15 | 16 | 1 | " Donaldson Line. |
| 86 | Joseph Pâquet | 41 | St. John, Orleans | 4 | 3 | 3 | |
| 87 | Jean A Lachance | 40 | Quebec | 4 | 3 | 3 | |
| 88 | Arthur Baillargeon | 45 | " | 16 | 14 | 1 | " Black Diamond Line. |
| 89 | Joseph Vézina | 41 | St. Laurent, Orleans | 3 | 4 | 3 | |
| 90 | Herménégilde Guénard | 44 | St. Thomas, Montmagny | 5 | 2 | 3 | |
| 91 | Elzéar Desrosiers | 49 | Quebec | 4 | 5 | 3 | |
| 92 | Joseph A. Irvine | 46 | Green Island | 0 | 0 | 0 | Master of Red Island Light Ship. |
| 93 | Frédéric Bouffard | 45 | St. Laurent, Orleans | 3 | 3 | 3 | |
| 94 | Jules Asselin | 41 | St. Michel, Bellechasse | 5 | 5 | 1 | Employed by the Black Diamond Line. |
| 95 | Prudent Marmen | 43 | Beauport | 3 | 1 | 3 | |
| 96 | Lucien Lachance | 41 | Quebec | 12 | 11 | 1 | |
| 97 | Camille Bernier | 44 | " | 19 | 20 | 1 | " Dominion Line. |
| 98 | Moïse Blouin | 51 | St. John, Orleans | 3 | 5 | 3 | |
| 99 | Moise alias Laurent Godbout | 42 | Quebec | 7 | 6 | 2 | |
| 100 | Alfred Godreau | 49 | Cap St. Ignace | 2 | 5 | 2 | |
| 101 | Alfred Raymond | 41 | Kamouraska | 11 | 9 | 1 | " Intercolonial Mine Co. |
| 102 | Philéas Lachance | 42 | St. John, Orleans | 18 | 18 | 1 | " Dominion and Hamburg American Packet Co. |
| 103 | Joseph H. Talbot | 40 | Berthier | 0 | 0 | 0 | One of the directors of the Corporation of Pilots. Re-elected at last election. |
| 104 | Moïse Arthur Lachance | 39 | St. John, Orleans | 4 | 3 | 3 | |
| 105 | Louis Frs. Thivierge | 36 | " " | 0 | 0 | 0 | One of the directors of the Corporation of Pilots. Re-elected at last election. |
| 106 | Jos. Emilien alias Emile Lachance | 36 | " " | 2 | 4 | 3 | |
| 107 | Alphonse Asselin | 37 | Quebec | 6 | 9 | 1 | Employed by the Dominion and Hamburg-American Packet. |
| 108 | Edmond Larochelle | 36 | St. Michel, Bellechasse | 15 | 17 | 1 | " Elder-Dempster Line. |
| 109 | Joseph Plante | 36 | St. Paul's Bay | 4 | 3 | 3 | |
| 110 | Alphonse Pâquet | 36 | St. John, Orleans | 3 | 4 | 2 | |

STATEMENT showing the number of Pilots for and below the Harbour of Quebec, &c.—*Concluded.*

| Number. | Name. | Age. | Residence. | Number of Pilotages Effected. | | | Casualties and Remarks. |
|---|---|---|---|---|---|---|---|
| | | | | Inwards. | Outwards. | Movages. | |
| 111 | Paul alias Napoléon Pouliot | 43 | St. John, Orleans | 3 | 3 | 3 | |
| 112 | Adélard Bernier | 41 | Quebec | 13 | 17 | 1 | Employed by the Elder-Dempster Line. |
| 113 | Adélard Vezina | 32 | St. Michel, Bellechasse | 4 | 2 | 3 | |
| 114 | Jean-Bte. Pouliot | 32 | St. John, Orleans | 18 | 14 | 1 | " Donaldson Line. |
| 115 | Joseph Thivierge | 33 | " " | 5 | 5 | 1 | " Canadian Transportation and Export Co. |
| 116 | Léonidas Lachance | 32 | " " | 4 | 4 | 3 | |
| 117 | Eudore Langlois | 40 | " " | 4 | 4 | 3 | |
| 118 | Frs.-X. Eust. alias Wm. Doiron | 42 | St. Joseph, Levis | 3 | 4 | 3 | |

Certified,

JAS. WOODS,
*Secretary-Treasurer.*

HARBOUR COMMISSIONERS' OFFICE.
QUEBEC, January 2, 1903.

STATEMENT of trials held during the year 1902, before the Quebec Harbour Commissioners, under the authority of the Pilotage Act, 36 Vic., chap. 54, and 45 Vic., chap. 32, sec. 4.

| Name of Pilot Tried. | Nature of Complaint. | Date of Trial. | Result. |
|---|---|---|---|
| Alphonse Asselin. .... | Running the ss. *Manchester Importer* ashore on White Island Reef on August 23, 1902. | Sept. 5.... | Found guilty and suspended to May 1, 1903. |
| Jos. Eugène Larochelle.. | Running the ss. *Iberian* ashore on Red Island Reef on October 30, 1902. | Nov. 7.... | Found guilty and suspended for eighteen months. |
| Samuel Rioux ..... | Investigation under the 45 Vic., chap 32, sec. 4. Colliding ss. *Sicilian* with some object between Point St. John and Bellechasse Island on or about Nov. 24, 1902. | Dec. 1 ... | Found not guilty. |

LIST of Apprentice Pilots immediately under the Quebec Harbour Commissioners' Pilotage Authority on December 31, 1902.

| No. | Names. | When Indentured. | Remarks. |
|---|---|---|---|
| 1 | Georges Dugas ..... | April 11, 1871 ... | Absent since the fall of 1877. |
| 2 | Ernest Nolet .... ..... | March 19, 1874.... | Absent since the fall of 1878. |

Certified,

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1903.

JAS. WOOD.
*Secretary-Treasurer.*

QUEBEC, December 31, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to transmit to you a detailed statement, in duplicate, of the moneys received and expended by the Decayed Pilot Fund of Quebec; all of which has been revised and attested:—

| | |
|---|---|
| The total amount of receipts was..... | $112,693.59 |
| The total expenditure was. .. ..... | 21,317.60 |
| Leaving a net balance of..... | 91,375.99 |

To be distributed among 111 to 112 pilots, giving a net dividend of $823.

Twenty-nine foreign vessels paid in $2,552.20 and seven hundred and seventy-one British vessels paid in $110,141.39.

Three pilots died during the year:—Messrs. David Damour, Theophile Gourdeau and Jean Baptiste Pouliot, sr.

All of which is humbly submitted.

F. X. DION,
*Secretary-Treasurer.*

# THE CORPORATION OF PILOTS.

STATEMENT of moneys received and expended by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, during the year 1902.

| RECEIPTS. | $ cts. |
|---|---|
| To balance of 1901 | 5,688 76 |
| Percentage on contribution of pilots | 7,897 57 |
| Church wardens of St. Fulgence on account of capital | 500 00 |
| Thomas Gray on account of capital | 400 00 |
| Interest on investments | 4,419 47 |
| Interest from savings bank | 304 07 |
| | 19,209 87 |

| EXPENDITURE. | |
|---|---|
| By pensions | 9,566 18 |
| By relief | 741 09 |
| General expenses | 5 00 |
| Salaries | 550 00 |
| Churchwardens of St. Romuald, loan | 4,000 00 |
| Deposits in savings bank | 4,200 00 |
| Balance on hand | 147 60 |
| | 19,209 87 |

| RELIEF GIVEN. | |
|---|---|
| Adam, J. E | 200 00 |
| Pouliot, Joseph, 2 | 200 00 |
| Gourdeau, Théophile | 118 90 |
| Pouliot, Joseph, 1 | 88 87 |
| Paquet, Joseph, 1 | 133 32 |
| | 741 09 |

PENSIONERS AT THE EXPENSE OF THE FUND.

*Amount paid to each during the year, from November 1, 1901, to November 1, 1902, inclusive, but paid from January 1 to December 31, 1902.*

| | |
|---|---|
| *Six Pilots at $172.* | |
| Couillard, Jos. Philippe | 172 00 |
| Genest, Edouard | 172 00 |
| Ménard, Régis, died March 28, 1902 | 99 16 |
| Pouliot, Joseph | 172 00 |
| Pouliot, Joseph, pensioned from April 10, 1902 | 95 67 |
| Talbot, J.-Bte | 172 00 |
| | 882 83 |
| *Two Pilots at $156.* | |
| Chouinard, Thomas | 156 00 |
| Pépin dit Lachance, Jos., died March 14, 1902 | 58 25 |
| | 214 25 |
| *Two Pilots at $140.* | |
| Dick, Ovide | 140 00 |
| Lapointe, Cyrille | 140 00 |
| | 280 00 |
| *One Pilot at $138.* | |
| Pelletier, Francois | 138 00 |
| *Two Pilots at $126.* | |
| Pouliot, Paul | 126 00 |
| Raymond, Léandre | 126 00 |
| | 252 00 |
| *One Pilot at $80.* | |
| Forbes, Isaac | 80 00 |

WIDOWS.

| | |
|---|---|
| *Thirty Widows at $100.* | |
| Widow Audet, George, died January 24, 1902 | 22 83 |
| " Bernier, J. Bte | 100 00 |
| " Baquet, Annibal | 100 00 |
| " Brown, Charles, died January 15, 1902 | 20 83 |
| " Bouffard, David | 100 00 |
| " Caron, Maximin | 100 00 |
| " Demers, Victor | 100 00 |
| " Desprès, Auguste | 100 00 |
| " Dion, J. Bte | 100 00 |
| " D'Amours, David, pensioned May 14, 1902 | 46 06 |
| " Delisle, Magloire | 100 00 |
| " Dumas, Charles, acc | 75 00 |
| " Dumas, François | 100 00 |
| " Dufresne, Jérémie | 100 00 |
| " Gobeil, Antoine | 100 00 |
| " Godbout, Laurent | 100 00 |
| " Gobeil, Jean | 100 00 |
| " Jouvin, Hilaire, acc | 75 00 |
| " Langlois, Paul | 100 00 |
| " Laprise, Louis | 100 00 |
| " Lavoie, Louis Joseph | 100 00 |
| " Lapierre, Pierre, died October 2, 1902 | 92 00 |
| " Lapointe, Antoine | 100 00 |
| " Pouliot, J. Bte., pensioned Oct. 12, 1902 | 5 13 |
| " Pelletier, Alexis | 100 00 |
| " Pouliot, Jean | 100 00 |
| " Ménard, Régis, pensioned May 28, 1902 | 42 28 |
| " Marcoux, Edouard | 100 00 |
| " Vaillancourt, Alex | 100 00 |
| " Vézina, Charles | 100 00 |
| | 2,579 13 |
| *Seventeen Widows at $96.* | |
| Widow Coulombe, Jean | 96 00 |
| " Delisle, F. X. | 96 00 |
| " Delisle, Jean | 96 00 |
| " Dumas, Hubert | 96 00 |
| " Forgues, Narcisse | 96 00 |
| " Fontaine, Pierre, died Dec. 1, 1902 | 104 30 |
| " Guénard, Michel | 96 00 |
| " Gourdeau, Théop., pensioned July 4, 1902 | 31 29 |
| " Lachance, Barth., died May 5, 1902 | 49 35 |
| Carried forward | 584 30 |

STATEMENT of moneys received and disbursed by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, &c.—*Continued.*

| | $ cts. |
|---|---|
| Brought forward | 584 30 |
| Widow Lamarre, Jean Frs | 96 00 |
| " Laprise, Pierre | 96 00 |
| " Lemieux, Pierre | 96 00 |
| " Marticotte, Isaïe | 96 00 |
| " Morency, Joseph | 96 00 |
| " Pepin dit Lachance, Jcs., pensioned March 15, 1902 | 60 42 |
| " Ruelland, Pierre | 96 00 |
| " Thiviérge, Louis | 96 00 |
| | 1,493 36 |
| *Nine Widows at $94.* | |
| Widow Babin, Damase, died Dec., 19, 1901 | 12 50 |
| " Demers, Edouard | 94 00 |
| " Doiron, Eustache | 94 00 |
| " Fortin, Nicholas | 94 00 |
| " Genest, Amable | 94 00 |
| " Gaudreau, Frs | 94 00 |
| " Lapointe, Joseph | 94 00 |
| " Desprès, George | 86 00 |
| " " arrears since 1894 | 27 00 |
| " Sansterré, Adélard, pensioned November 29, 1901 | 86 67 |
| | 776 17 |
| *Seven Widows at $92.* | |
| Widow Bernier, Jos. F. X | 92 00 |
| " Curodeau, Pierre, acc | 69 00 |
| " Crépault, Louis | 92 00 |
| " Cinq-Mars, David, died Feb. 9, 1902 | 25 30 |
| " Mercier, Magloire | 92 00 |
| " Roy, Alexis | 92 00 |
| " Langlois, Philéas, increased from $83 to $92 | 92 00 |
| " " arrears | 17 70 |
| | 572 00 |
| *Ten Widows at $86.* | |
| Widow Fournier, Amable | 86 00 |
| " Dion, Joseph | 86 00 |
| " Dion, Alfred | 86 00 |
| " Dennis, Glynn | 86 00 |
| " Langelier, Fabien | 86 00 |
| " Langlois, Julien | 86 00 |
| " Laroche, J. Bte., died April 1, 1902 | 35 84 |
| " Lavoie, A. (L.M.) | 86 00 |
| " Noël, Henri | 86 00 |
| " Ross, Pierre | 86 00 |
| | 809 84 |

| | $ cts. |
|---|---|
| *Seven Widows at $83.* | |
| Widow Coté, François, died October 6, 1902 | 77 65 |
| " Dion, Jean, died Dec. 17, 1902 | 93 58 |
| " Koenig, C. F | 83 00 |
| " Lachance, Ovide | 83 00 |
| " Lévesque, Joseph | 83 00 |
| " Pineau, Benj | 83 00 |
| " Pelletier, D. F | 58 00 |
| " " arrears | 25 00 |
| | 586 23 |
| *Three Widows at $69.* | |
| Widow Coté, Célestin | 69 00 |
| " Lachance, F. X | 69 00 |
| " Turgeon, Edouard | 69 00 |
| | 207 00 |
| *Three Widows at $58.* | |
| Widow Dandurand, Jacques, died Nov. 30, 1901 | 4 84 |
| " Dallaire, Nap | 58 00 |
| " Morency, Guill | 58 00 |
| | 120 84 |
| *Five Widows at $55.* | |
| Widow Caron, Fabien | 55 00 |
| " Côté, Magloire | 55 00 |
| " Larochelle, Laurent | 55 00 |
| " McNeil, Thomas, died January 31, 1902 | 13 75 |
| " Turgeon, Alfred | 55 00 |
| | 233 75 |
| *Children.* | |
| Child of Boutin, Thos., arrears | 11 20 |
| " " acc | 13 00 |
| " Couillard, Hilaire, arrears | 11 20 |
| " " acc | 13 00 |
| " Dugas, Jean | 26 00 |
| " Dion, Charles, died February 11, 1902 | 7 30 |
| " Babin, Damase, acc | 13 00 |
| " " pensioned Feb. 1, 1902 | 6 50 |
| " Asselin, Louis, died January 15, 1902 | 5 45 |
| " Chouinard, Charles | 26 00 |
| " Forbes, Isaac (2) | 48 00 |
| " Fortin, N., arrears | 5 60 |
| " " died Jan. 6, 1902 | 5 03 |
| " Giroux, Jean | 26 00 |
| " Gobeil, Jean | 26 00 |
| " Langlois, Joseph | 26 00 |
| " Noël, François | 26 00 |
| " Plante, Joseph | 26 00 |
| " Touissant, Pierre | 26 00 |
| | 340 78 |

STATEMENT of moneys received and disbursed by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, &c.—*Concluded.*

| RECAPITULATION OF PENSIONS. | $ cts. | | $ cts. |
|---|---|---|---|
| 6 Pilots at $172 | 882 88 | 10 widows at $86 | 809 84 |
| 2 " 156 | 214 25 | 7 " 83 | 586 23 |
| 2 " 140 | 280 00 | 3 " 69 | 207 00 |
| 1 " 138 | 138 00 | 3 " 58 | 120 84 |
| 2 " 126 | 252 00 | 5 " 55 | 233 75 |
| 1 " 80 | 80 00 | 91 widows. | |
| 14 pilots. | | 16 children at $26 | 340 78 |
| 30 widows at $100 | 2,579 13 | | 9,566 18 |
| 17 " 96 | 1,493 36 | | |
| 9 " 94 | 776 17 | | |
| 7 " 92 | 572 00 | In all 121 pensioners. | |

| DR. RECEIPTS. | $ cts. |
|---|---|
| To balance of 1901 | 5,688 76 |
| To Trustees of Quebec roads, 1 year's interest to July 1, 1902, on $22,800, 6 per cent | 1,368 00 |
| Debentures of city of Quebec, class B, 1 year's interest at 7 per cent on $9,000. | 630 00 |
| Treasury Department, 1 year's interest to July 1, 1902, on $20,000 at 5 per cent | 1,000 00 |
| To Church Wardens of St. Fulgence, interest received | 113 14 |
| To Church Wardens of St. Fulgence, acct. on capital | 500 00 |
| To Church Wardens of St. Valier, 1 year's interest on $15,000 at 4 per cent | 600 00 |
| Thomas Gray, acct. on capital received. | 400 00 |
| 1 year's interest on $2,000 | 128 33 |
| To Church Wardens of St. Romuald, 1 year's interest on $12,000 at 4 per cent. | 480 00 |
| Savings banks, 1 year's interest, Banque Nationale and Quebec Bank | 304 07 |
| Contributions of Pilots | 7,897 57 |
| To Corporation of pilots, 1 year's interest on $2,500 at 4 per cent | 100 00 |
| | 19,209 87 |

| CR. | $ cts. |
|---|---|
| By relief and pensions paid during the year 1902:— | |
| By relief | 741 09 |
| By arrears of pensions | 28 00 |
| Quarter ended January 31, 1902 | 2,518 04 |
| " April 30, 1902 | 2,338 85 |
| " July 31, 1902 | 2,367 28 |
| " October 31, 1902 | 2,314 01 |
| By general expenses | 5 00 |
| By salaries of secretary-treasurer and assistant | 550 00 |
| Loan to Church Wardens, St. Romuald | 4,000 00 |
| Deposits in savings banks—Banque Nationale and Quebec Bank | 4,200 00 |
| Balance on hand | 147 60 |
| | 19,209 87 |
| STATEMENT OF FUND. | |
| Moneys loaned | 89,300 00 |
| Moneys in savings bank | 4,200 00 |
| Moneys in the hands of the sec.-treas. | 147 60 |
| | 93,647 60 |
| Deduct arr. of pensions due this day | 221 40 |
| | 93,426 20 |

F. X. DION,
*Secretary-Treasurer.*

We, the undersigned, officially appointed to examine the books and accounts of the Decayed Pilots' Fund of Quebec, certify to having found them correct.

THOMAS BOISSINOT,
*Accountant.*

J. G. DUPIL,
F. X. DELISLE,
*Auditors.*

QUEBEC, December 31, 1902.

F. X. DION in current account with the Corporation of Pilots of Quebec to December 31, 1902.

| DR. | $ cts. | CR. | | $ cts. |
|---|---|---|---|---|
| To balance of 1901 | 521 88 | By expenses pilot boats | $ 641 63 | 611 32 |
| Reserve fund | 500 00 | Less | 30 31 | |
| Pilots' retirement fund | 1,000 00 | | | |
| Customs, Montreal | 54,754 03 | Expenses of pilots | | 660 00 |
| " Three Rivers | 2,686 71 | General expenses | 1,118 68 | 1,117 88 |
| " Sorel | 647 63 | Less | 0 80 | |
| " Batiscan | 119 45 | | | |
| " St. Thomas | 772 80 | Provisions | 1,325 41 | 1,307 17 |
| " Tadousac | 227 99 | Less | 18 24 | |
| " Chicoutimi | 675 47 | | | |
| " Trois Pistoles | 184 23 | Rent | 479 13 | 429 13 |
| " Rivière du Loup | 200 35 | Less | 50 00 | |
| Interest, Banque Nationale | 104 80 | | | |
| Pilot boat, Hon. Dr. Price | 775 00 | Apprentices' wages | | 165 55 |
| Lost time | 1,564 34 | Seamen's " | | 415 72 |
| Fines | 320 00 | Cooks' " | | 405 55 |
| Pilotage collected at Quebec | 52,424 93 | Indemnity to directors | | 587 13 |
| | | " captains | | 290 00 |
| | | " Saguenay station | | 250 00 |
| | | Pilot boat shares | | 4,000 00 |
| | | Interest paid on loans | | 100 00 |
| | | Legal advisers | | 197 70 |
| | | Insurance | | 110 68 |
| | | Pilotage remitted | | 1,315 33 |
| | | Salaries of employees | | 1,550 00 |
| | | Decayed pilots' fund | | 7,804 44 |
| | | Retired pilots' fund | | 2,000 00 |
| | | Reserve fund | | 1,000 00 |
| | | Dividends | | 92,445 00 |
| | | Balance | | 717 01 |
| | 117,479 61 | | | 117,479 61 |

F. X. DION,
*Secretary Treasurer.*

We, the undersigned, officially appointed to examine the books and accounts of the Corporation of Pilots of Quebec, certify to having found them correct.

THOS. BOISSINOT,
*Accountant.*

J. G. DUPIL,
F. X. DELISLE,
*Auditors.*

QUEBEC, December 31, 1902.

# APPENDIX No. 12.

## REPORT OF THE PILOTAGE AUTHORITY OF HALIFAX, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

HALIFAX, N.S., January 16, 1903.

Hon. Minister Marine and Fisheries,
Ottawa.

SIR,—I beg leave to transmit for the information of the department the enclosed returns of the Pilotage District of Halifax, N.S., viz:—

Statement receipts and expenditure.
Statement superannuation fund.
Return inwards of British and foreign vessels.
Return outwards of British and foreign vessels.
List of licensed pilots.
List of pensioners.

Respectfully,
Your obedient servant,

J. TAYLOR WOOD,
*Secretary-Treasurer.*

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., December 31, 1902.

RECEIPTS AND EXPENDITURE.

| DR. | $ cts. | CR. | $ cts. |
|---|---|---|---|
| Salary | 400 00 | Balance on hand, Dec. 31, 1901 | 1,289 58 |
| Rent | 325 00 | Outward pilotage | 1,576 80 |
| Printing, telephone, sundries | 425 49 | Commissions | 1,601 90 |
| Superannuation | 2,822 66 | Interest | 783 59 |
| Balance | 1,316 72 | Licenses, bonds, &c | 238 00 |
| Total | 5,489 87 | Total | 5,489 87 |

J. TAYLOR WOOD,
*Secretary-Treasurer.*

E. & O. E.

SUPERANNUATION FUND.

| DR. | $ cts. | CR. | $ cts. |
|---|---|---|---|
| ion Bank | 887 16 | Balance, December 31, 1901 | 20,893 83 |
| " special | 2,000 00 | Commissions | 799 86 |
| rings Bank | 7,741 15 | Interest | 783 59 |
| minion securities | 11,947 97 | Licenses, bonds &c. | 238 00 |
| | | Transferred from general fund | 1,000 00 |
| | | | 23,715 28 |
| | | Less paid pensions | 1,140 00 |
| Total | 22,575 28 | Total | 22,575 28 |

J. TAYLOR WOOD,
*Secretary-Treasurer.*

E. O. E.
Examined and found correct.
GEO. MITCHELL, *Auditor.*

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., December 31, 1902.

RTURN of vessels entered Inwards at the Port of Halifax, N. S., from January 1, 1902, to December 31, 1902, subject to compulsory Pilotage.

BRITISH,

| hooners. | Brigantines. | Barkentines | Barks. | Ships. | Barges. | Steamers. | Tonnage. | Pilot Fees. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | $ cts. |
| 60 | 6 | 7 | 2 | 1 | 72 | 586 | 910,677 | 14,243 80 |
| FOREIGN. | | | | | | | | |
| 44 | .. ..... | 3 | 19 | ..... | 1 | 130 | 205,311 | 3,897 40 |

RTURN of vessels entered Outwards at the Port of Halifax, N.S., from January 1, 1902, to December 31, 1902, subject to compulsory Pilotage.

BRITISH.

| hooners, | Brigantines. | Barkentines | Barks. | Ships. | Barges. | Steamers. | Tonnage. | Pilot Fees. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | $ cts. |
| 13 | .... ..... | 8 | 2 | 1 | 12 | 515 | 894,063 | 7,516 10 |
| FOREIGN. | | | | | | | | |
| 8 | 3 | 8 | 18 | ..... | 1 | 128 | 203,734 | 2,116 75 |

J. TAYLOR WOOD. *Secretary-Treasurer.*

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., December 31, 1902.

## LIST of Pilots, Port of Halifax.

| No. | Name. | Residence. | Age. | Remarks. |
|---|---|---|---|---|
| 1 | | | | |
| 2 | | | | |
| 3 | James Holland | Duncan's Cove | 66 | |
| 4 | William Baker | Halifax | 47 | |
| 5 | Lawrence Hayes | Herring Cove | 24 | 2nd class certificat |
| 6 | Frank Thomas | " | 27 | " |
| 7 | Bernard Brackett | " | 23 | " |
| 8 | William Hayes | " | 28 | |
| 9 | | | | |
| 10 | | | | |
| 11 | Edward Byers | Halifax | 61 | |
| 12 | James Hanrihan | Ferguson's Cove | 65 | |
| 13 | William Beazley | " | 62 | |
| 14 | John Hayes | Halifax | 52 | |
| 15 | James Spears | " | 44 | |
| 16 | John F. Beazley | " | 42 | |
| 17 | William Gorman | Herring Cove | 28 | |
| 18 | Charles F. Martin | Halifax | 37 | |
| 19 | William White | Ferguson's Cove | 45 | |
| 20 | Thomas Hayes | Halifax | 43 | |
| 21 | Thomas Reno | Herring Cove | 42 | |
| 22 | Frank Mackey | Halifax | 30 | |
| 23 | Henry Latter | " | 38 | |
| 24 | | | | |
| 25 | | | | |
| 26 | James Fleming | Halifax | 63 | |

## LIST of Persons on the Pension Roll.

| Name. | Age. | Residence. | Amount of Pensio allowance. |
|---|---|---|---|
| John Fleming | 89 | Ketch Harbour | $150 |
| Patrick Hayes | 80 | Herring Cove | 150 |
| Bernard Gallagher | 77 | Halifax | 150 |
| Joseph Reno | 76 | Herring Cove | 150 |
| Jeremiah Holland | 70 | Duncan's Cove | 150 |
| Hugh Monroe | 67 | Halifax | 150 com. Jan. 1, 1 |
| Mrs. L. Nickerson | 68 | Sambro | 30 |
| Mrs. Mary Smith | 66 | Halifax | 30 |
| Mrs. Mary Glazebrooke | 57 | " | 30 |
| Mrs. Charles Martin | 70 | " | 30 |
| Mrs. Daniel Martin | 44 | " | 30 |
| Mrs. John Johnson | 70 | Bear Cove | 30 |
| Thomas Martin | 16 | Halifax | 15 |
| Elizabeth Martin | 10 | " | 15 |
| Barbara Martin | 9 | " | 15 |
| Catherine Martin | 7 | " | 15 |
| Mary Glazebrook | 13 | " | 15 |
| Charles Glazebrook | 11 | " | 15 |
| | | | $1,170 |

J. TAYLOR WOOD,
*Secretary-Treasurer.*

# APPENDIX No. 13.

## REPORT OF THE PILOTAGE AUTHORITY OF PICTOU, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

PICTOU, N.S., February, 1, 1903.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Enclosed you will please find pilotage returns for the Port of Pictou, N. S., for the season ended 1902

I am, sir,
Your obedient servant,

DODD DWYER,
*Secretary.*

TOTAL amount received for Pilotage dues, season 1902.

| —— | $ cts. | $ cts. |
|---|---|---|
| Amount received for pilotage dues for season :— | | |
| Received from steamships | 3,229 83 | |
| " " sailing ships | 453 67 | 3,683 50 |
| Of this amount— | | |
| Received from British ships | 932 94 | |
| " " foreign ships | 2,750 56 | 3,683 50 |

Certified A. B. BÉLANGER,
*Master s.s. Compana.*

EARNINGS of Pilots for 1902.

| | Name. | Age | $ cts. | $ cts. |
|---|---|---|---|---|
| 1 | James Fraser | 71 | 39 00 | |
| 2 | Wm. A. Cooke | 64 | 254 35 | |
| 3 | Chas. A. Cooke | 54 | 644 89 | |
| 4 | Geo. W. Powell | 51 | 343 96 | |
| 5 | Dan. S. Smith | 51 | 592 00 | |
| 6 | Angus Smith | 45 | 976 00 | |
| 7 | McGregor Fraser | 34 | 756 30 | 3,606 50 |



CANCELLED

RECEIPTS and Expenditure of all Moneys received by or on behalf of the Pilotage Authority, in respect of Pilots or Pilotage.

| RECEIPTS. | $ cts. | $ cts. |
|---|---|---|
| Received pilotage as per statement | 3,683 50 | |
| " from seven pilots renewed bonds | 7 00 | |
| " " Capt. Belanger | 40 00 | |
| Balance due secretary | 149 50 | |
| | | 3,880 00 |
| **EXPENDITURE.** | | |
| Paid pilots for pilotage | 3,606 50 | |
| " secretary, salary | 200 00 | |
| Balance due 1901 | 73 50 | |
| | | 3,880 00 |

C. DWYER,
JOSEPH FOSTER,
WILLIAM FRASER,
H. McKENZIE,
JOHN R. DAVIS,
*Pilot Commissioners, Port of Pictou, N. S.*

DODD DWYER,
*Secretary.*

# APPENDIX No. 14.

## REPORT OF THE PILOTAGE AUTHORITY OF SYDNEY, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

NORTH SYDNEY, N.S.,
FEBRUARY, 14, 1903.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Canada.

DEAR SIR,—I beg to wait on you with returns in connection with the Pilotage Authority, district of Sydney, for the year ended December 31, 1902, showing:—

| | |
|---|---|
| Balance due per account | $ 545 17 |
| Amount on interest | 2,500 00 |
| | $ 3,045 17 |

Which I trust will be found correct.

Your obedient servant,

DANIEL McLEAN,
*Secretary.*

NORTH SYDNEY.

| —— | Number. | Tonnage. |
|---|---|---|
| British steamers | 185 | 140,296 |
| Foreign " | 56 | 60,313 |
| British sailing vessels | 41 | 9,734 |
| Foreign " | 17 | 11,269 |
| Relief fund | 14 | 2,460 |
| | 313 | 224,072 |

PILOTAGE RECEIVED.

| | |
|---|---|
| From British vessels | $ 4,135 50 |
| " foreign " | 2,118 50 |
| Relief fund | 47 00 |
| | $ 6,301 00 |

## INTERNATIONAL PIER.

| —— | Number. | Tonnage. |
|---|---|---|
| British steamers | 151 | 273,056 |
| Foreign " | 195 | 357,560 |
| British sailing vessels | 5 | 696 |
| Foreign " | ..... | ..... |
| Relief fund | 6 | 15,563 |
| | 357 | 646,875 |

## PILOTAGE RECEIVED.

| | |
|---|---|
| From British vessels | $ 7,666 00 |
| " foreign " | 10,340 50 |
| " relief fund | 54 00 |
| | $ 18,060 50 |

## SYDNEY.

| —— | Number. | Tonnage. |
|---|---|---|
| British steamers | 63 | 128,699 |
| Foreign " | 183 | 196,703 |
| British sailing vessels | 12 | 22,819 |
| Foreign " | 8 | 10,981 |
| Relief fund | 3 | 379 |
| | 269 | 339,581 |

## PILOTAGE RECEIVED.

| | |
|---|---|
| From British vessels | $ 3,833 50 |
| " foreign " | 6,510 50 |
| " relief fund | 10 50 |
| | $ 10,354 50 |
| LESS rebate as per June sheet, Sydney | 39 00 |
| | $ 10,315 50 |

## RECAPITULATION.

| Port. | Number of Vessels. | Tonnage. | Amount. |
|---|---|---|---|
| | | | $ cts. |
| North Sydney | 313 | 224,072 | 6,301 00 |
| International | 357 | 646,875 | 18,060 50 |
| Sydney | 269 | 339,581 | 10,354 50 |
| | 939 | 1,210,528 | 34,716 00 |
| LESS rebate as per June sheet, Sydney | ..... | ..... | 39 00 |
| | | | 34,677 00 |

## Sydney Pilotage Authority.

**Dr.**

| 1902. | | $ cts. |
|---|---|---|
| To paid total pilotage | $34,677 00 | |
| Less—Relief | 111 50 | |
| | 34,565 50 | |
| Less—Commission | 1,728 27 | |
| | | 32,837 23 |
| Three collectors, sec'y., and treasurer | | 1,400 00 |
| Head collector office | | 100 00 |
| Expenses five commissions | | 500 00 |
| Books, printing and stationery | | 25 70 |
| Telephone, telegrams and sundries | | 28 10 |
| Bank charges, drafts | | 12 50 |
| Relief per statement | | 505 00 |
| Amount on interest | | 2,500 00 |
| Balance carried down | | 545 17 |
| | | 38,453 70 |

**Cr.**

| 1902. | $ cts. |
|---|---|
| By total pilotage per return | 34,677 00 |
| Masters licensed | 1,000 00 |
| Balance on hand | 241 70 |
| Interest | 35 00 |
| Amount on interest | 2,500 00 |
| | 38,453 70 |
| December 31, 1902. | |
| By balance brought down | 545 17 |
| Amount on interest | 2,500 00 |
| | 3,045 17 |

## Statement of Relief.

| Date. | Name. | Amount. |
|---|---|---|
| 1902. | | $ cts. |
| Feb. 14 | Widow Madore | 20 00 |
| April 4 | Maurice Doyle | 20 00 |
| " 17 | Widow Madore | 20 00 |
| June 12 | Catherine McGillvary | 15 00 |
| " 16 | Isabell McGillvary | 15 00 |
| July 14 | Mary Petrie | 15 00 |
| " 14 | Family Doyle | 10 00 |
| " 30 | Mary Petrie | 15 00 |
| " 30 | Mrs. James Petrie | 15 00 |
| Sept. 3 | Mrs. J. B. Brown | 15 00 |
| " 26 | Isabell McGillvary | 15 00 |
| Oct. 14 | Mrs. J. H. Brown | 15 00 |
| " 14 | Maurice Doyle | 30 00 |
| Nov. 24 | Margaret Petrie | 30 00 |
| Dec. 23 | Catherine McGillvary | 15 00 |
| " 23 | Mrs. McInnis | 30 00 |
| | Mrs. Carroll | 30 00 |
| | Widow Daley | 30 00 |
| | Pilot Angus McNeil | 50 00 |
| | " George Townsend | 50 00 |
| | " William Ratchford | 50 00 |
| | | $505 00 |

MASTERS LICENSED.

| No. | Name. | Vessel. | Class. | Amount. |
|---|---|---|---|---|
| | | | | $ cts. |
| 1 | J. Reid | Cape Breton | Steamer | 100 00 |
| 2 | D. C. Fraser | Bonavista | " | 100 00 |
| 3 | W. H. Gould | Louisburg | " | 100 00 |
| 4 | H. Holmes | Goban | " | 100 00 |
| 5 | M. Flirian | Grandee | Barge | 100 00 |
| 6 | A. Acker | Rembrandt | " | 100 00 |
| 7 | D. A. Scott | Harlaw | Steamer | 100 00 |
| 8 | A. Meikle | Wobun | " | 100 00 |
| 9 | D. McDonald | Cacouna | " | 100 00 |
| | Goban omitted last year | | | 100 00 |
| | | | | 1,000 00 |

EARNINGS of Pilots and Apprentices for Year Ended Dec. 1902:

| No. | Name. | Amount paid. | No. | Name. | Amount paid. |
|---|---|---|---|---|---|
| | | $ cts. | | | $ cts. |
| 1 | Cann, John | 1,026 16 | 26 | Langille, William | 1,026 16 |
| 2 | Mullins, John | 1,026 16 | 27 | Rudderham, Thomas | 1,026 16 |
| 3 | Ratchford, Andrew | 1,026 16 | 28 | McGilvray, Vincent | 1,026 16 |
| 4 | Fraser, John | 1,026 16 | 29 | Curran, Michael | 1,026 16 |
| 5 | McGilvray, Jas. D | 1,026 16 | | | |
| 6 | Carroll, John | 1,026 16 | | | |
| 7 | Brown, George B | 1,026 16 | | APPRENTICES. | |
| 8 | Connell, Laurence | 1,026 16 | | | |
| 9 | Carroll, James | 1,026 16 | 1 | Carroll, Louis | 513 10 |
| 10 | Petrie, Daniel | 1,026 16 | 2 | Ratchford, Herbert | 513 10 |
| 11 | McNeil, John | 1,026 16 | 3 | Mahon, John | 513 10 |
| 12 | Shanahan, James | 1,026 16 | 4 | Petrie, Edmond | 513 10 |
| 13 | Brown, William | 1,026 16 | 5 | Spencer George | 513 10 |
| 14 | Ratchford, Thomas | 1,026 16 | 6 | Burke, Thomas | 513 09 |
| 15 | McGilvray, John B | 1,026 15 | | | |
| 16 | Ling, Laurence | 1,026 16 | | | $ 32,637 23 |
| 17 | Fraser, James | 1,026 16 | | REMARKS. | |
| 18 | McNeil, Thomas | 1,026 16 | | | |
| 19 | Laffiin, John T | 1,026 19 | | Grand total $ 34,677 00 | |
| 20 | Roberts, Thomas | 1,026 16 | | Relief 111 50 | |
| 21 | Brown, Joseph | 1,026 16 | | | |
| 22 | Mullins, Bernard | 1,026 16 | | 34,565 50 | |
| 23 | McInnis, Daniel A. | 1,026 16 | | Five per cent Com. 1,728 00 | |
| 24 | Cann, Everett D | 1,026 16 | | | |
| 25 | Handrigan, Walter | 1,026 16 | | Total $ 32,837 23 | |

(Signed) A. GANNON,
*Head Collector.*

# APPENDIX No. 15.

## REPORT OF THE PILOTAGE AUTHORITY OF ST MARY'S AND LISCOMB, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

REPORT of Pilotage for the Pilotage District of St. Mary's and Liscomb from December 31, 1901, to December 31, 1902.

EDWARD QUINN, PILOT No. 1, FOR ST. MARY'S.

| Date of Arrivals. | Where from. | Rig. | Name of Vessel. | Port of Registry. | Registered Tonnage. | Name of Master. | Pilotage Collected. | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Inwards. | Outwards. | Total. |
| 1902. | | | | | | | $ cts. | $ cts. | $ cts. |
| ..... | ..... | Dredge | St. Lawrence | Canada | ..... | Kenney | 100 days at $3 | | 300 00 |
| Oct. 29 | Halifax | Schooner | Newera | Lunenburg | 115 | ..... | 3 84 | 3 84 | 7 68 |
| " 29 | Lunenburg | Twin schr | ..... | " | 250 | Not known | 6 00 | 6 0 | 12 00 |
| ..... | Sydney | Steamship | Wasis | Pictou | 220 | Hall | 7 33 | 7 33 | 14 66 |
| Nov. .... | " | " | " | " | 220 | " | 7 33 | 7 33 | 14 66 |
| | | | | | | | | | 349 00 |

JOHN P. BURNS, PILOT No. 2, FOR ST. MARY'S.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| May 28 | ..... | Barque | Mark Twain | Norway | 700 | Capt. Fergesen | 14 00 | 16 00 | 30 00 |
| June 12 | ..... | Schooner | Pearl Eveline | Lunenburg | 98 | " Himelman | 3 92 | 3 92 | 7 84 |
| Sept. 24 | ..... | " | Viola | St. John | 124 | " Ward | 5 00 | 7 00 | 12 00 |
| " 28 | ..... | " | Olympia | Liverpool | 122 | " Wharton | 5 00 | 7 00 | 12 00 |
| Oct. 15 | ..... | " | Avlon | St. John | 124 | " Ducksers | 5 00 | 7 00 | 12 00 |
| Nov. 8 | ..... | Brigantine | Aldine | Yarmouth | 300 | " Dakin | 8 00 | 10 00 | 18 00 |
| Dec. 2 | ..... | Barque | Fred. P. Lichfield | New York | 990 | " Fulton | 17 00 | 19 00 | 36 00 |
| | | | | | | | | | 127 84 |

REPORT of Pilotage for the Pilotage District of St. Mary's and Liscomb, &c.—*Concluded.*

CHARLES RILEY, PILOT No. 3, FOR LISCOMB.

| Date of Arrivals. | Where from. | Rig. | Name of Vessel. | Port of Registry. | Registered Tonnage. | Name of Master. | Pilotage Collected. Inwards. | Outwards. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| 1902. | | | | | | | $ cts. | $ cts. | $ cts. |
| April 19.. | New York | Steamship.. | Aurila | London | 1,507 | Godfrey | 14 33 | 16 33 | 30 66 |
| June 27.. | Glasgow | " .. | Dart | " | 2,056 | Griffiths | 18 57 | 20 00 | 38 57 |
| | | | | | | | | | 69 23 |

ARTHUR WILSON, PILOT No. 6, FOR LISCOMB.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| May 8.. | France | Barquentine | Clara | Norway | 430 | Petersen | 10 00 | 11 00 | 21 00 |
| July 5.. | Halifax | Barque | Belt | " | 1,206 | Halversen | 18 00 | 20 00 | 38 00 |
| | | | | | | | | | 59 00 |

SETH McKINLAY, LISCOMB.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| June 18.. | Africa | Barquentine | Eden | Denmark | 201 | Peterson | 6 00 | 7 00 | 13 00 |
| July 22.. | Louisburg | Steamship.. | Briardene | British | 1,654 | Crow | 14 66 | 16 66 | 31 32 |
| Aug. 11.. | France | Ship | George T. Hay | Parrsboro' | 1,647 | Spicer | 11 00 | 13 00 | 24 00 |
| " 25.. | Boston | Steamship.. | Daufney | Norway | 988 | Hans T. Lind | 11 67 | 13 00 | 24 67 |
| Nov. 18.. | Liverpool | " .. | Neith | | 1,489 | Stevensen | 15 00 | 16 33 | 31 33 |
| | | | | | | | | | 124 32 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sept. 1.. | Sydney | Barque | Georgoren | Russian | 274 | Carl England | 8 00 | 9 00 | 17 00 |
| " 23.. | Louisburg | Steamship | Briardene | British | 1,654 | J. Crow | 14 66 | 16 66 | 31 32 |
| Oct. 16.. | Bermuda | Barquentine | Wanas | Russia | 315 | J. J. Moor | 9 00 | 10 00 | 19 00 |
| Nov. 23.. | Louisburg | Steamship | Briardene | British | 1,654 | J. Crow | 14 66 | 16 66 | 31 32 |
| | | | | | | | | | 98 64 |

HENRY LANG, PILOT, LISCOMB.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| April 22.. | Christiania | Barque | Charlotte Padberg | Norway | 589 | A. Munsen | 12 00 | 14 00 | 26 00 |
| June 8.. | Sherbrooke | " | Mark Twain | " | 700 | Jeyesen | 13 00 | 15 00 | 28 00 |
| Oct. 2.. | New York | Steamship | Dianna | " | 703 | Salty | 9 50 | 11 50 | 21 00 |
| | | | | | | | | | 75 00 |

WM. PRIDE,
*Secretary.*

# APPENDIX No. 16.

## REPORT OF THE PILOTAGE AUTHORITY FOR THE COUNTY OF RICHMOND, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

ARICHAT, February 2, 1903.

F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Enclosed please find a list of the names and number of vessels piloted in the port of Arichat by pilot No. 5, John Gayatch.

British barquentine *Culdoon*, 373 tons.
" " *M. Turnbolt*, 242 tons.
" " *Fanny Brestram*, 263 tons.
Newfoundland schooner, *Percy Brestram*, 175 tons.
British steamer, *Roseline*, 1,633 tons.

There was only one pilot last year, but there will be two for next year out of this port.

Yours truly,

ISIDORE LE BLANC,
*Secretary of the Pilotage Commission.*

# APPENDIX No. 17.

## REPORT OF THE PILOTAGE AUTHORITY OF TIDNISH AND NORTHPORT, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER, 31, 1902.

AMHERST SHORE, January 9, 1903.

F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—There are three licensed pilots in this district: Robert McClosky, aged 59; Ferguson Brownell, aged 45; Warren Allen, aged 47, licensed to pilot in the pilotage district of Tidnish and Northport. The rate of pilotage dues is $1 per foot, inward and outward. The total amount received for pilotage dues for the year 1902 was $244, all from foreign ships. The pilots received the dues less 5 per cent for collection.

I am, sir, your obedient servant,

BURPEE ROCKWELL,
*Secretary Pilotage Commission, Tidnish and Northport.*

# APPENDIX No. 18.

## REPORT OF THE PILOTAGE AUTHORITY OF PARRSBORO, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

Pilotage returns for the district of Parrsboro, N.S., for the year 1901 1902 :—

Amount of pilotage fees collected for the year was as follows, viz :—

| | |
|---|---|
| 6 British vessels paid | $348 50 |
| 2 Foreign " " | 86 75 |
| Licensed Pilots, Port of Parrsboro, N.S. | $435 25 |

*Cr.*

| | |
|---|---|
| Paid pilot Robert Anderson | $345 06 |
| " James George | 56 73 |
| Office contingencies | 15 00 |
| Secretary for salary | 18 46 |
| | $435 25 |

LICENSED PILOTS.

| Name. | Age. | Remarks. |
|---|---|---|
| Robert Anderson | 49 | Licensed for full district. |
| James George | 62 | " " " |
| George E. Pettis | 64 | " " " |
| Baxter McLellan | 44 | " Spencer's Island N.S., only. |
| J. Ephraim Morris | 40 | " Advocate N.S., only. |

*Pilotage non-compulsory.*

The rates are the same as list sent in 1900.

E. GILLESPIE,
*Secretary Parrsboro' Pilotage Authority.*

# APPENDIX No. 19.

## REPORT OF THE PILOTAGE AUTHORITY OF PUGWASH, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

PUGWASH, N.S., January 1, 1903.

F. GOURDEAU, ESQ.
Deputy Minister of Marine and Fisheries.
Ottawa.

SIR,—I beg to forward to you pilotage returns of Pilotage Authority for this port, for the year ended December 31, 1902.

I am, sir,
Your obedient servant,

ELIAS KING.
*Secretary of Pilotage Commissioners.*

LICENSED PILOTS.

| Name. | Number. | Age. |
|---|---|---|
| Neil McIver | 1 | 43 |
| Clarence E. Reid | 2 | 49 |
| George M. Cooper | 3 | 52 |
| George Heather | 4 | 58 |
| John Seaman, licensed for one year 1902 | 5 | 68 |
| Andrew Seaman | 6 | 60 |
| Afred Seaman | 7 | 24 |

8 steamships (foreign) and 1 (British) s. ship entered this port during this season of 1902, also a number of schooners paying pilotage.

STEAMSHIPS.

| Names of steamships. | Tons. | Nationality. | Pilotage Paid. |
|---|---|---|---|
| | | | $ |
| Lyng | 800 | Norwegian. | 38 00 |
| Marion | 1,218 | British. | 40 00 |
| Headway | 1,540 | German. | 40 00 |
| Russ | 1,573 | Danish. | 40 00 |
| John Christie | 1,050 | Norwegian. | 40 00 |
| Russ, same as above | 1,573 | Danish. | 40 00 |
| John Christie, 2nd time | 1,050 | Norwegian. | 40 00 |
| Confidenza | 1,600 | Italian. | 40 00 |
| Headway, 2nd time | 1,540 | German. | 40 00 |
| Total | 11,944 | ..... | 358 00 |

BARQUES.

| Name of barques. | Tons. | Dues. |
|---|---|---|
| | | $ |
| Poynland | 671 | 34 00 |
| P. E. Paterson | 621 | 34 00 |
| Syqrad | 545 | 32 00 |
| Total | 1,837 | 100 00 |

| | | |
|---|---|---|
| Schooners, pilotage total | $ | 50 00 |
| Total amount of pilotage dues for 1902 | | 458 00 |
| Sum total | $ | 508 00 |

Each pilot is paid when his duty is properly done. There is no pilotage fund in this district; no accident of the slightest kind has happened here this year to any vessel.

ELIAS KING,
*Secretary of Commissioners.*

# APPENDIX No. 20.

## REPORT OF THE PILOTAGE AUTHORITY OF ST. JOHN, N.B., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

OFFICE OF PILOTAGE AUTHORITY,
DISTRICT OF ST. JOHN, N.B., January 8, 1903.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Enclosed herewith please find the annual returns for pilotage for this district for the year ended December 31, 1902, which I trust you will find in order.

I have the honour to be, sir,
Your obedient servant,

J. U. THOMAS,
*Secretary St. John Pilot Commissioners.*

STATEMENT of Receipts and Expenditure for year ended December 31, 1902.

| INCOME ACCOUNT. | $ cts. | $ cts. |
|---|---|---|
| Receipts— | | |
| Licenses to 26 pilots at $5 | 130 00 | |
| " 7 boats at $10 | 70 00 | |
| | | 200 00 |
| 25 cents per foot on outward pilotage from port of St. John to date | 2,130 36 | |
| 25 " " " " Musquash to date | 10 00 | |
| | | 2,140 36 |
| | | 2,340 36 |
| Expenditure— | | |
| Sundries | 12 00 | |
| J. & A. McMillan, stationery | 19 43 | |
| Auditing accounts for 1901 | 25 00 | |
| Office rent, one year to November 1, 1902 | 100 00 | |
| Salary, Secretary-Treasurer, one year to date | 1,000 00 | |
| | | 1,156 43 |
| Amount transferred to Pilot Fund Account | | 1,183 93 |
| | | 2,340 36 |

J. U. THOMAS,
*Secretary.*

STATEMENT of Pilot Fund Account for the year ended December 31, 1902.

| PILOT FUND ACCOUNT. | $ cts. | $ cts. |
|---|---|---|
| DR. | | |
| To pensions paid 3 pilots | 628 13 | |
| " 9 widows and children | 1,087 50 | |
| | | 1,715 63 |
| To funeral expenses of pilot | | 20 00 |
| To balance | | 9,885 63 |
| | | 11,621 26 |
| CR. | | |
| By balance, December 31, 1901 | | 10,155 06 |
| Interest on Dominion Savings Bank deposit, 12 months to July 1, 1902:— | | |
| Per Pass Book No. 744 | 140 25 | |
| " No. 10260 | 142 02 | |
| | | 282 27 |
| Amount from income account | | 1,183 93 |
| | | 11,621 26 |
| By balance to credit of Pilot Fund Account, December 31, 1902. | | 9,885 63 |

J. U. THOMAS,
*Secretary.*

STATEMENT of Finances of the St. John Pilot Commissioners, as per audit December 31, 1902.

| INVESTMENT ACCOUNT. | $ cts. | $ cts. |
|---|---|---|
| On deposit in Dominion Savings Bank, per Pass Book, No. 744 | 4,815 56 | |
| " " " " No. 10260 | 4,876 44 | |
| | | 9,692 00 |
| Current Account. | | |
| On deposit in Bank of New Brunswick | | 193 63 |
| | | 9,885 63 |

J. U. THOMAS,
*Secretary.*

PILOTS' individual earnings for the year 1902.

| —— | $ cts. | $ cts. |
|---|---|---|
| Total amount of pilotage received | 34,865 99 | |
| LESS—25 cents per foot from outward pilotage for office expenses, Pilot Fund, &c. | 2,130 36 | |
| | | 32,735 63 |
| *Contra.* | | |
| Bennett, James | 1,558 85 | |
| Cline, Richard | 1,101 95 | |
| Cline, Richard B | 987 43 | |
| Cline, Alfred | 323 25 | |
| Conlin, Patrick | 24 00 | |
| Doyle, James | 2,570 27 | |
| Doherty, Joseph | 2,574 57 | |
| Daley, Charles | 671 31 | |
| Lahey, William | 1,369 40 | |
| Lahey, Frank L | 1,869 95 | |
| Mantle, James E | 674 25 | |
| Miller, James E | 1,588 05 | |
| Murray, William | 1,353 80 | |
| Quinn, William | 1,672 85 | |
| Rogers, Bart | 926 75 | |
| Reed, James | 446 75 | |
| Spears, Henry | 2,069 11 | |
| Spears, Martin | 1,240 45 | |
| Spears, James S | 525 55 | |
| Scott, William | 925 90 | |
| Scott, Richard | 309 50 | |
| Stone, Thomas J | 1,655 57 | |
| Sherrard, John L. C | 897 63 | |
| Thomas, John S | 1,929 07 | |
| Thomas, Robert | 1,058 80 | |
| Traynor, Thomas | 2,410 62 | |
| | | 32,735 63 |

RETURN of Vessels arriving at Port of St. John, N.B. (subject to Pilotage) for the year ending December 31, 1902.

| —— | British. | Foreign. | Total. |
|---|---|---|---|
| Schooners | 133 | 164 | 297 |
| Brigs and brigantines | 1 | 1 | 2 |
| Barques and barquentines | 18 | 20 | 38 |
| Ships | 2 | 4 | 6 |
| Steamers | 217 | 38 | 255 |
| | 371 | 227 | 598 |
| Amount of pilotage received | 26,918 99 | 7,947 00 | 34,865 99 |

LICENSED Pilots, Port of St. John, N.B., for the year 1901-1902.

| Name. | Age. | Residence. | Remarks. |
|---|---|---|---|
| Bennett, James | 45 | St. John, N.B. | |
| Cline, Richard | 77 | " | |
| Cline, Richard B | 32 | " | |
| Cline, Alfred | 45 | " | |
| Conlin, Patrick | 52 | " | |
| Doyle, James | 65 | " | |
| Doherty, Joseph | 56 | " | |
| Daley, Charles | 66 | " | |
| Lahey, William | 73 | " | |
| Lahey, Frank L | 31 | " | |
| Mantle, James E | 56 | " | |
| Murray, William | 28 | " | |
| Miller, James H | 25 | " | |
| Quinn, William | 55 | " | |
| Rogers, Bart | 45 | " | |
| Reed, James | 56 | " | |
| Spears, Henry | 51 | " | |
| Spears, Martin | 45 | " | |
| Spears, James S | 57 | " | |
| Scott, William | 46 | " | |
| Scott, Richard | 51 | " | |
| Stone, Thomas J | 49 | " | |
| Sherrard, John L. C | 68 | " | |
| Thomas, John S | 54 | " | |
| Thomas, Robert | 61 | " | |
| Traynor, Thomas | 49 | " | |
| McAnulty, John | 64 | Musquash, N.B. | Licensed for Musquash only. |

J. U. THOMAS,
*Secretary.*

# APPENDIX No. 21.

## REPORT OF THE PILOTAGE AUTHORITY OF BATHURST, N.B., FOR THE CALENDAR YEAR ENDED, DECEMBER 31, 1902.

Pilotage returns for the Pilotage District of Bathurst, N.B., Season 1902.

| Pilots. | British Vessels. | | | | | Foreign Vessels. | | | | | Grand Total. | Disbursements. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inwards. | | Outwards. | | Total. | Inwards. | | Outwards. | | Total. | | To whom. | Amount. |
| | No. | Amount. | No. | Amount. | | No. | Amount. | No. | Amount. | | | | |
| | | $ cts. | | $ cts. | $ cts. | | $ cts. | | $ cts. | $ cts. | $ cts. | | $ cts. |
| Fred Ronalds, Nazaire Hachey, Wm. H. Daly | 7 | 185 04 | 7 | 103 60 | 288 64 | 12 | 214 66 | 12 | 184 00 | 398 66 | 687 30 | Fred Ronalds | 153 29 |
| | | | | | | | | | | | | Nazaire Hachey | 144 33 |
| | | | | | | | | | | | | Wm. H. Daly | 355 30 |
| | | | | | | | | | | | | Commissioners and Secretary | 34 38 |
| | | | | | | | | | | | | | 687 30 |

*Pilotage rates—*

Inside bar, inwards, $1.00, outwards, $1.20.
Outside bar, " 80c, outwards, $1.00.
Steamers 1c. per ton inwards and outwards extra.
Received from pilots for licenses, $3.
Paid boat inspectors, $3.

*Commissioners—*

JOHN E. O'BRIEN, Chairman.
P. J. BURNS,
SAMUEL MELANCON,
THOS. LEAHY,
FRANCIS CURRAN,

J. H. STEWART,
*Secretary.*

# APPENDIX No 22.

## REPORT OF THE PILOTAGE AUTHORITY OF BUCTOUCHE, N.B., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

BUCTOUCHE, N.B., January 14, 1903.

F. GOURDEAU, Esq.
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I herewith transmit report of Buctouche Pilotage Authority for the year 1902.

Foreign shipping from this port has declined to one or two vessels annually for several years past.

Your obedient servant,

JOHN C. ROSS,
*Secretary of Buctouche Pilotage Authority.*

PILOTAGE returns, district of Buctouche, province of New Brunswick, for the year 1901. Act 36 Vic., cap. 56, sec. 24.

1st. Names and ages of pilots licensed :—Joseph Crossman, age 50 years; Joseph Bellisle, age 46 years.

2nd. The above pilots are licensed to undertake the pilotage of vessels of every description within and throughout the pilotage district of Buctouche.

3rd. Pilotage dues are charged as per section 12 of rules and regulations for the district, viz: One dollar and fifty cents per foot draught of water, both inward and outwards bound.

4th. Total amount of pilotage dues paid, $80.50. Of this amount $74 was paid by one foreign vessel (Norwegiau), making two voyages during season, aud the only one liable to pilotage under the regulations, while $6.50 was paid by schooners (British), by which employement of pilot was optional.

5th. The pilotage dues as above were paid to the pilots who performed their duties as such to the respective vessels.

6th. No new pilotage licenses were issued nor licenses exacted for boats during the year, nor were any expenses incurred by the pilotage authority.

JOHN C. ROSS,
*Secretary of Buctouche Pilotage Authority.*

BUCTOUCHE, N.B., January 14, 1903.

# APPENDIX No. 23.

## REPORT OF THE PILOTAGE AUTHORITY OF KENT COUNTY, N.B., FOR THE YEAR ENDED DECEMBER 31, 1902.

REXTON, KENT COUNTY, N.B., December 15, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

Annual report of Pilot Commissioners of the port of Richibucto, N.B., viz.—The commissioners and pilots of the port of Richibucto, N.B., held their annual meeting in the office of W. J. Brait, Esq., Rexton, Kent Co., March 29, 1902. The following pilots were granted licenses for the season of 1902, William Irving, James W. Long, Albert Long and John A. Curwen. No casualties reported.

The bar being in same position as last season with four inches less water, say 9 feet 8 inches at L.W.B.S., 15 vessels of 6,458 tons register have loaded and sailed foreign from this port this season, and 210 schooners coastwise of 15,500 tons register. The channel near the end of the breakwater has been worse this season than previous years, vessels could not load deeper than 13 feet at extra spring tides, and several vessels were detained for water to cross the bar. The last vessel of the season loading for England Norwegian bark *Zemach* had to sail one third short of cargo, having been detained till December getting over the bar. Two hundred and ten schooners have loaded here this season mostly drawing 13 feet; could only cross over the bar at high water spring tides and smooth sea. Several of these vessels having struck on bar towing out, consequently captains object to loading here, and shippers have to pay extra freight to get vessels to load at this port.

Your humble servant,

JAMES GORDON,
*Secretary to Commissioners.*

# APPENDIX No. 24.

## REPORT OF THE PILOTAGE AUTHORITY OF CARAQUET, N.B., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

CARAQUET, December 26, 1902.

The Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I beg to inclose statements of the pilotage received in the Pilotage District of Caraquet during the year 1902, and of the secretary's account with the Pilot Commissioners for the same year.

I have the honour, to be, sir,
Your obedient servant,

PHILIP RIVE,
*Secretary to Pilot Commissioners.*

STATEMENT of Pilotage paid during year 1902, in the Pilotage District of Caraquet, N.B.

| Name of Vessels. | Nationality. | Rig. | Tonnage. | Date of Arrival. | Name of Pilot Inward. | Date of Sailing. | Name of Pilot Outwards. | Amount of Pilotage. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | $ cts. |
| Alliance..... | British.. | Schooner.... | 99 | May 6. | Charles Vibert.. | May 20. | Charles Vibert | 22 00 |
| Resolute..... | " | " ... | 63 | Sept. 6. | " " .. | Oct. 11. | " " | 18 00 |
| Alliance.... ... | " | " ... | 99 | Oct. 3. | " " .. | Nov. 5. | " " | 23 00 |
| Herbernica..... | " | Brigantine.. | 147 | " 3. | " " .. | " 13. | " " | 24 40 |
| Mary Glaasen.. | " | " .. | 180 | " 16. | " " . | " 14. | " " | 23 20 |
| | | | | | | | | 110 60 |

STATEMENT of Philip Rive, Secretary, in account with Pilot Commissioners.

DR. 1902.

| | |
|---|---|
| To Cash received of Xavier Poulin, boat license fee..... . | $ 1 00 |
| " " " Charles Vibert, " " ..... | 1 00 |
| " " " Alex. J. Wilson, " " ..... | 1 00 |
| " " " Joseph Cheasson " " ..... | 1 00 |
| " " " Onésime Blanchard, pilot license..... | 4 00 |
| | $ 8 00 |

CR.

| | |
|---|---|
| By postage and stationery..... ... | $ 1 00 |
| " salary.. ..... | 7 00 |
| | $ 8 00 |

CARAQUET, *December 26, 1902.*

PHILIP RIVE,
Secretary to Pilot Commissioners.

# APPENDIX No. 25.

## REPORT OF THE PILOTAGE AUTHORITY OF THE COUNTY OF CHARLOTTE, N.B., FOR THE YEAR ENDED DECEMBER 31, 1902.

St. Andrews, December 31, 1902.

Pilotage returns for the district of the county of Charlotte, province of New Brunswick, for the year 1902 :—

Pilots acting—
Wellington Cline, parish of West Isle, 61 years of age.
Joseph Boyd, parish of Campobello, 67 years of age.
Licenses to pilot boats—
Schooner *Cruso*, 10 tons register ; Joseph Boyd, master.
Licenses to pilots—
Joseph Boyd, parish of Campobello, 67 years of age.
Amounts of pilotage collected by pilots—
British vessels, $242.60 ; foreign vessels, $125.40=$368.
Description of vessels piloted—

| | | |
|---|---|---|
| British, 6 schooners, 1 barque, tonnage | 2,794 | |
| Foreign, 4 schooners, tonnage | 1,044 | |
| | | 3,838 |
| Receipts by pilotage authority— | | |
| License to 1 pilot boat | $5 00 | |
| " " | 6 00 | |
| | | $11 00 |
| Charges— | | |
| Postage and stationery | $ 1 00 | |
| Commissioner and Secretary, St. Andrews | 10 00 | |
| | | $11 00 |

C. S. O. HATHEWAY,
*Commissioner and Acting Secretary.*

### Rates of Pilotage in the District.

Longest pilotage distance, inwards and outwards, $2.25 per ft. draught of water.
Second " " 1.60 " "
Third " " 1.50 " "
From or to Campobello, 20 cts. per foot less than above rates.
Fourth pilotage distance, inwards or outwards, $1 per foot draught of water.
From November 1 to April, 20 cts. per foot in addition to above rates.

To or from St. Andrew's harbour to ballast ground, vessels 80 tons and under 300 tons $2.50 each ; vessels 300 tons and upward, $3 each.

Removing a vessel from one loading place or harbour to any other loading place or harbour inside St. Andrew's Bay : vessels 80 tons up to 200 tons, $4 ; over 200 tons and up to 300 tons, $5 ; over 300 tons and up to 400 tons, $6 ; exceeding 400, $8 each.

Removing a vessel from any loading place inside St. Andrew's Bay to any harbour or loading place outside St. Andrew's Bay and within the district pilotage, inwards or outwards : vessels 80 tons and under 200 tons, $6 ; 200 and 300 tons, $8 ; 300 and *under 400 tons*, $10 ; 400 tons and upwards, $12.

# APPENDIX No. 26.

## REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF MIRAMICHI, N.B., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

PILOTAGE COMMISSIONERS' OFFICE,
NEWCASTLE, MIRAMICHI, N.B., January 3, 1903.

The Deputy Minister of Marine and Fisheries,
Ottawa, Canada.

SIR,—Inclosed herein you will please find the pilotage returns of the district of Miramichi, N.B., for the year ended December 31, 1902.

I have the honour to be, sir,
Your obedient servant,

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

PILOTAGE returns for the Pilotage District of Miramichi, N.B., for year ended December 31, 1902.

| Class of Vessel. | No. | Total. |
|---|---|---|
| Vessels reported inwards— | | |
| British steamers | 32 | |
| " sailing vessels | 29 | |
| Foreign steamers | 18 | |
| " sailing vessels | 48 | |
| | | 127 |
| Vessels reported outwards— | | |
| British steamers | 32 | |
| " sailing vessels | 27 | |
| Foreign steamers | 18 | |
| " sailing vessels | 48 | |
| | | 125 |
| Vessels removed— | | |
| British steamers | 16 | |
| " sailing vessels | 1 | |
| Foreign steamers | 15 | |
| " sailing vessels | 15 | |
| | | 47 |

J. C. MILLER,
*Chairman.*

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

PILOTAGE Returns for the Pilotage District of Miramichi, N.B., for the year ended December 31, 1902.

| Class of vessel. | Amount. | Total. |
|---|---|---|
| | $ cts. | $ cts. |
| Total amount of pilotage inwards— | | |
| British steamers | 1,884 86 | |
| " sailing vessels | 542 27 | |
| Foreign steamers | 1,015 64 | |
| " sailing vessels | 1,316 36 | |
| | | 4,759 13 |
| Total amount of pilotage outwards— | | |
| British steamers | 2,218 98 | |
| " sailing vessels | 583 00 | |
| Foreign steamers | 1,244 12 | |
| " sailing vessels | 1.807 50 | |
| | | 5,853 60 |
| Total amount of removals— | | |
| British steamers | 147 55 | |
| " sailing vessels | 6 00 | |
| Foreign steamers | 148 00 | |
| " sailing vessels | 116 00 | |
| | | 417 55 |
| | | $11,030 28 |

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER,
*Chairman.*

RATES of Pilotage chargeable at Miramichi, N.B., on all vessels, British and Foreign, for the year ended December, 31, 1902.

| | |
|---|---|
| When inward bound | $2.25 per foot. |
| And in addition to the above for all vessels propelled wholly or in part by steam | 2c. per reg. ton. |
| When outward bound | $2 per foot. |
| And in addition to the above for all vessels propelled wholly or in part by steam | 2c. per reg. ton. |
| For the removal and mooring of vessels over 300 tons | $4. |
| And where the distance of removal exceeds four miles, fifty per cent additional on the above rate. Removals within a distance of one mile are not compulsory, but when the pilots are requested by captains to perform the service the charge is | $4. |
| Steam tug boats towing one or more coal barges with cargo inwards may depart outwards after having paid full pilotage for the tug and barges inwards, without paying any outward pilotage except on the tug | |

NATIONALITY of Vessels piloted Inwards during the year 1902.

| | No. | | No. |
|---|---|---|---|
| American | 5 | German | 2 |
| Austrian | 1 | Italian | 6 |
| British | 61 | Norwegian | 45 |
| Danish | 1 | Spanish | 1 |
| Dutch | 1 | Swedish | 4 |
| Total vessels piloted | | | 127 |

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER,
*Chairman.*

PILOTAGE Returns for the Pilotage District of Miramichi, N.B., for the year ended December 31, 1902.

| No. | Name. | Age. | For what service. | Remarks. |
|---|---|---|---|---|
| 2 | Louis Jimmo | 48 | Full license | |
| 6 | Francis Martin | 68 | " | |
| 7 | Maxime Martin | 56 | " | |
| 9 | Angus McLean | 69 | " | |
| 10 | Alex. Wilson | 56 | " | |
| 11 | Robt. J. Walls | 51 | " | |
| 22 | Wm. Walls, sr | 48 | " | |
| 26 | John McCallum | 50 | " | |
| 27 | James Nowlan | 51 | " | |
| 28 | Dudley P. Walls | 56 | " | |
| 29 | George Sutton | 51 | " | |
| 30 | James A. Nowlan | 47 | " | |
| 31 | George T. Tait | 45 | " | |
| 32 | Joseph Jimmo | 47 | " | |
| 33 | James McCallum | 58 | " | |
| 35 | John Martin | 43 | " | |
| 36 | Asa Walls | 43 | " | |
| 37 | Wm. Walls, jr | 45 | " | |
| 38 | John Nowlan | 46 | " | |
| 39 | Patrick Nowlan | 43 | " | |
| 41 | Michael J. Jimmo | 35 | " | |
| 42 | George M. Nolan | 46 | " | |
| 43 | Christopher C. McLean | 55 | " | |
| 44 | George Savoy | 58 | " | |

List of pilot boats licensed.

| No. | Names of boats. | Tonnage. | Captains. | First Licensed. |
|---|---|---|---|---|
| 15 | *Princess Louise* | 20 85 | Asa Walls | May, 1879 |
| 16 | *Senator Snowball* | 30 95 | Jas. A. Nowlan | " 1897 |
| 17 | *Mabel* | 22 | Geo. Savoy | " 1900 |

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER,
*Chairman.*

The Miramichi Pilots in account with R. R. Call, Secretary-Treasurer.

| 1902. | | Dr. | | $ cts. |
|---|---|---|---|---|
| June | 5.. | To paid R. J. Walls, prem. insurance on seine | | 9 00 |
| " | 18.. | J. B. Snowball & Co., account sch. *Senator Snowball* | | 22 46 |
| " | 18.. | J. B. Snowball & Co., account sch. *Princess Louise* | | 14 15 |
| " | 18.. | George Stothart, " " " | | 9 56 |
| " | 18.. | Asa Walls, fitting out " " | | 40 00 |
| " | 18.. | George Stothart, account sch. *Senator Snowball* | | 9 28 |
| " | 18.. | R. J. Walls, new sail for sch. *Princess Louise* | | 39 90 |
| " | 18.. | R. J. Walls, jib for sc. *Senator Snowball* | | 2 50 |
| July | 18.. | H. W. Fleigher on account sch. *Senator Snowball* | | 17 15 |
| " | 18.. | Jas. Nowlan, repairing and painting " | | 60 00 |
| " | 18.. | George Watt on account sch. " | | 13 87 |
| " | 18.. | Est. late John Wilson, account sch. *Princess Louise* | | 10 93 |
| " | 18.. | " " " " *Senator Snowball* | | 18 13 |
| " | 18.. | George Watt, account sch. *Princess Louise* | | 7 65 |
| " | 18.. | R. J. Walls to retire note Bank Nova Scotia, sails for sch. *Senator Snowball* | | 188 52 |
| Aug. | 18.. | Millers foundry & Mach Co., hauling out sch. *Princess Louise* | | 10 00 |
| " | 18.. | Jas P. Searle, rent pilots office to April, 1903 | | 20 00 |
| Sept. | 18.. | W. S. Loggie Co., account sch. *Princess Louise* | | 52 41 |
| " | 18.. | Alex. McKinnon " " " | | 1 62 |
| " | 18.. | J. B. Snowball & Co " " *Senator Snowball* | | 9 46 |
| " | 18.. | R. J. Walls, sundries for pilots office | | 3 68 |
| Oct. | 18.. | Alex. Martin, pension for 1902 | | 75 00 |
| Nov. | 18.. | W. S. Loggie Co., account sch. *Senator Snowball* | | 19 99 |
| " | 18.. | Edward Burke, " " *Princess Louise* | | 6 85 |
| " | 18 . | A. C. McLean " " " | | 15 08 |
| " | 18.. | " " " *Senator Snowball* | | 9 90 |
| " | 18.. | J. B. Snowball & Co., " " *Princess Louise* | | 4 48 |
| " | 18.. | W. S. Loggie Co., " " | | 2 64 |
| " | 18.. | George Stothart " " " | | 2 05 |
| " | 26.. | Robrt Allen " " " and sch. *Senator Snowball* | | 2 40 |
| " | 26.. | Edward Burke " " *Senator Snowball* | | 1 90 |
| " | 26.. | Wm Richards & Co., account sch. " | | 1 70 |
| " | 26.. | E. Johnson, stationery & pilots office | | 1 43 |
| " | 26.. | Millers Foundry & Mach. Co., hauling out sch, *Senator Snowball* | | 10 50 |
| " | 26.. | A. & R. Loggie, rent warehouse, 1902 | | 10 00 |
| " | 26.. | R. J. Walls, horse hire, telegrams &c | | 1 75 |
| " | 28.. | Miramichi Steam Navigation Co., tickets, 1902 | | 7 50 |
| " | 28.. | George Watt, account sch. *Princess Louise* | | 6 20 |
| " | 28.. | Francis Martin, refund account seine | | 0 95 |
| " | 28.. | Anslow, Bros., account printing | | 4 00 |
| " | 28.. | R. R. Call, Secretary-Treas., commission on $11430.28 at 3 per cent | | 342 90 |
| " | 28.. | " " postage and stationery | | 3 50 |
| Dec. | 2.. | Twenty pilots, $8,548.20 and 4 pilots $1,791.09 | | 10,339 29 |
| | | | | 11,430 28 |
| 1902. | | Cr. | | |
| Dec. | 2.. | By amount collected pilotage invards | $ 4,759 13 | |
| " | 2.. | " " outwards | 5,853 60 | |
| " | 2.. | " for removals | 417 55 | |
| " | 2.. | earned outside by pilots | 400 00 | |
| | | | | 11,430 28 |

R. R. CALL,
*Secretary-Treasurer to Pilotage Commissioners.*

J. C. MILLER,
*Chairman.*

# APPENDIX No. 27.

## REPORT OF THE PILOTAGE AUTHORITY OF SHEDIAC, N.B., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

SHEDIAC, N.B., January 9, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I send you inclosed report of Pilotage Commissioners Shediac District, for year ended December, 1902.

Yours very truly, W. A. RUSSELL.

PILOTAGE OFFICE,
SHEDIAC, N.B., January 9, 1903.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,

SIR,—The Pilotage Authority of the Port of Shediac, N.B., beg leave to submit the following report for the year ended December 31, A.D. 1902.

| Names of Pilots in District. | Age. | Service. |
|---|---|---|
| 1. Edward McDonald | 69 | Full district. |
| 2. Docity P. LeBlanc | 68 | " |
| 3. Thomas McGrath | 54 | " |
| 4. Olaf Hendrickson | 49 | " |
| 5. Paul P. LeBlanc | 56 | " |

Number of vessels reported liable to pay pilotage :—

| | Inwards. | Outwards. |
|---|---|---|
| British sailing vessels | 1 | 1 |
| Foreign " " | 12 | 12 |
| | 13 | 13 |

Nationality of above vessels reported inwards during A.D. 1902 :

| | |
|---|---|
| Canadian | 1 |
| Norwegian | 12 |

The total amount received for pilotage services for the year as follows :—

| | |
|---|---|
| From Canadian vessels | $ 29 25 |
| From foreign vessels | 571 25 |
| Total | $ 600 50 |

This amount was all paid in to the above pilots.

The rates of pilotage for the above district are as follows :—

For pilotage inwards and outwards $1.50 per foot draught of water. Each remove $4.

Yours respectfully,

W. A. RUSSELL,
*Secretary to the Pilotage Commission of Shediac.*

Edward McDonald, one of the above pilots, died in December, 1902.

# APPENDIX No. 28.

## REPORT OF THE PILOTAGE AUTHORITY OF NANAIMO, B.C., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

NANAIMO, B.C., January 6, 1903.

To the Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

DEAR SIR,—By direction of the Commissioners, I have the honour to inclose you a statement of the accounts of the Nanaimo Pilotage Authority for the year ended December 31, 1902, as required by the Pilotage Act, 1886.

I have the honour to be, sir,
Your obedient servant,

TULLY BOYCE,
*Secretary.*

PILOTAGE Returns for the year ended December 31, 1902.

LICENSED PILOTS.

| Names of Pilots. | Age. |
|---|---|
| Bendrodt, James Peter | 42 |
| Christenson, James | 61 |
| Butler, James Edgar, | 42 |
| Owen, William David | 36 |
| Yates, Albert Francis | 50 |

RATES OF PILOTAGE.

| | | |
|---|---|---|
| Half pilotage | $ 1 | per foot draught. |
| Full " | 2 | " " |
| Gulf " | 10 | per diem. |

Special rates for mail steamers and tugs.

RECEIPTS AND EXPENDITURE from January 1 to December 31, 1902.

| | $ cts. | | $ cts. |
|---|---|---|---|
| otage dues for 12 months as per inclosed atements | 19,518 00 | By salary, secretary and treasurer | 600 00 |
| | | Rent, janitor, fuel, light, etc. | 176 50 |
| | | Printing, postage and stationery | 54 80 |
| | | Office furniture and repairs | 139 00 |
| | | Donation to late pilot Sabiston | 200 00 |
| | | Commission to collectors | 425 70 |
| | | Pilot station expenses | 1,636 06 |
| | | Travelling and personal expenses | 2,400 00 |
| | | Net earnings | 13,887 94 |
| | 19,518 00 | | 19,518 00 |

roved,
THOMAS A. CONNELL,
HARRY B. SHAW,
R. GIBSON,
} *Commissioners.*

J. S. KNARSTON,
*Chairman.*
TULLY BOYCE,
*Secretary.*

FULL PILOTAGE collections from January 1 to December 31, 1902.

| — | British. | Foreign. | Total. |
|---|---|---|---|
| | $ cts. | $ cts. | $ cts. |
| ary | 282 00 | 1,084 00 | 1,366 00 |
| uary | 186 00 | 477 00 | 663 00 |
| h | 332 00 | 925 00 | 1,257 00 |
| | 549 00 | 848 00 | 1,397 00 |
| | 464 00 | 756 00 | 1,220 00 |
| | 634 00 | 749 00 | 1,383 00 |
| | 270 00 | 1,001 00 | 1,271 00 |
| st | 270 00 | 781 00 | 1,051 00 |
| mber | 89 00 | 949 00 | 1,038 00 |
| ber | 441 00 | 903 00 | 1,344 00 |
| mber | 435 00 | 729 00 | 1,164 00 |
| nber | 385 00 | 981 00 | 1,366 00 |
| | 4,337 00 | 10,183 00 | 14,520 00 |

HALF PILOTAGE collections from January 1 to December 31, 1902.

| — | British. | Foreign. | Total. |
|---|---|---|---|
| | $ cts. | $ cts. | $ cts. |
| ary | | 420 50 | 420 50 |
| uary | 21 00 | 317 00 | 338 00 |
| h | 22 00 | 425 50 | 447 50 |
| | | 330 50 | 330 50 |
| | | 602 50 | 602 50 |
| | 21 00 | 543 00 | 564 00 |
| | 22 00 | 284 50 | 306 50 |
| ust | | 451 50 | 451 50 |
| mber | | 380 00 | 380 00 |
| ber | 32 00 | 442 00 | 474 00 |
| mber | 32 00 | 388 50 | 420 50 |
| mber | | 262 50 | 262 50 |
| | 150 00 | 4,848 00 | 4,998 00 |

# APPENDIX No. 29.

## REPORT OF THE PILOTAGE AUTHORITY OF YALE AND NEW WESTMINSTER, B.C., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

VANCOUVER, B.C., January 5, 1903.

The Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose herewith statement of accounts and the affairs of the Yale and New Westminster Pilotage Authority for year just ended, 1902. At a meeting of the Commissionors held to-day the accounts were audited and signed by the chairman, and I was instructed to forward same to you, which I now do, inclosing statement, receipts and disbursements and ledger balance.

I have the honour to be, sir, your obedient servant,

C. GARDINER JOHNSON,
*Secretary Yale and New Westminster Pilotage Authority.*

| No. of License. | Name of Pilot. | Age. | Service in | Remarks. |
|---|---|---|---|---|
| 1 first class..... | William Ettershank..... | 60 | Licensed to pilot vessels of any size or description within the limits of Yale and New Westminster Pilotage Authority. | Active. |
| 2 " | George W. Robertson... | 52 | | |
| 3 " | H. Robson Jones..... | 47 | | |
| 4 second class... | Edward C. Bridgman... | 56 | | |
| 5 " | Donald Patterson..... | 41 | | |

NOTE.—Pilotage dues now in force are same as approved by Order in Council, Saturday, April 28, 1894.

*Inwards*

| | | | |
|---|---|---|---|
| 47 | British steamers inwards..... | $ 2,485 00 | |
| 312 | Foreign steamers inwards..... | 5,475 31 | |
| 26 | British sailers inwards..... | 928 25 | |
| 21 | Foreign sailers inwards..... | 549 50 | |
| | | | $ 9,438 06 |

*Outwards.*

| | | | |
|---|---|---|---|
| 46 | British steamers outwards..... ... | $ 2,680 75 | |
| 312 | Foreign steamers outwards ..... | 5,531 34 | |
| 26 | British sailers outwards..... | 1,014 75 | |
| 21 | Foreign sailers outwards..... | 776 00 | |
| | | | $ 10,002 84 |
| | | | $ 19,440 90 |

Remaining in port on December 31, 1902.—*Yola*, $26; *Eudora*, $25; *Sylfid*, $30; *California*, $26; *Moana*, $52.50; *Pengwern*, $30; *Tartar*, $60; *Empress of India*, $65.

*Receipts.*

| | | |
|---|---|---|
| Balance in bank, January 5, 1902..... | $ 933 17 | |
| Pilotage earnings for year 1902..... | $ 19,440 90 | |
| | | $ 20,374 07 |

*Disbursements.*

| | | |
|---|---|---|
| Paid pilots, January 5, 1902..... | $ 933 17 | |
| Paid pilots during 1902..... | 13,845 73 | |
| Office expense account 1902..... | 995 20 | |
| Pilotage expense account 1902..... | 3,651 10 | |
| Balance in bank..... | 948 87 | |
| | | $ 20,374 07 |

C. GARDINER JOHNSON,
*Secretary Yale and New Westminster Pilotage Authority.*

Approved,
RICHARD ALEXANDER,
*Chairman.*

LEDGER BALANCE.

*Assets.*

| | | | |
|---|---|---|---|
| Bank of Montreal..... | | $ 948 87 | |
| Bank of Montreal— | | | |
| Savings department..... | $ 562 71 | | |
| Interest, 1902..... | 16 85 | | |
| | | $ 579 56 | |
| | | | $ 1,528 43 |

*Liabilities.*

| | | | |
|---|---|---|---|
| Reserve fund..... | $ 562 71 | | |
| Interest, 1902..... | 16 85 | | |
| | | $ 579 56 | |
| Pilotage earnings undisbursed ..... | | 948 87 | |
| | | | $ 1,528 43 |

C. GARDINER JOHNSON,
*Secretary Yale and New Westminster Pilotage Authority.*

Approved,
RICHARD ALEXANDER,
*Chairman.*

VANCOUVER, B.C., January 3, 1903.

# APPENDIX No. 30.

## REPORT OF THE PILOTAGE AUTHORITY OF VICTORIA, B.C., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

PILOTAGE AUTHORITY,
VICTORIA, B.C., January 7, 1903.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Commissioners, to transmit herewith the pilotage returns for the Pilotage District of Victoria and Esquimalt, in the province of British Columbia, for the year ended December 31, 1902, as required by section 22 of chapter 80 of the Revised Statutes of Canada, 1886, and hope the same will reach you safely. You will observe that in lieu of the usual language of certification by the Commissioners, all approve, and one of them, at the request of the whole, has audited the books and accounts and appended his audit certificate to returns.

I have the honour to be, sir, Your most obedient servant.

EDGAR CROW BAKER,
*Secretary-Treasurer P.A.*

PILOTAGE Returns, Victoria and Esquimalt Pilotage District, B.C.,
January 1 to December 31, 1902.

LIST OF LICENSED PILOTS.

| No. | Name. | Age. | Date of Issue. | Seniority. | Remarks. |
|---|---|---|---|---|---|
| 1 | John Thompson..... | 53 | April 23, 1880... | Dec. 4, 1878.... | Originally a B. C. pilot. |
| 2 | Samuel W. Buckuam . | 52 | March 6, 1891... | March 6, 1891... | Victoria and Esquimalt District. |
| 3 | John Newby..... | 53 | April 10, 1891... | April 10, 1891... | " " " |
| 4 | Thos. Bebbington..... | 56 | Feb. 25, 1893... | Feb. 25, 1893... | Originally a N.W. and Yale pilot. |
| 5 | William Cox..... | 46 | May 13, 1902... | May 13, 1902... | Victoria and Esquimalt District. |

N.B.—The foregoing is a list of licensed pilots, who are the only ones who have prosecuted such calling in the above named district.

There are no masters and mates acting under license from this Pilotage Authority, all the certificates previously granted having expired by effluxion of time.

Clauses I., II., III., page 213 supplement to 19th annual report, with reductions on pages 200 and 201 supplement to 21st annual report, and also those on pages 181 and 182 supplement to 26th annual report (*i. e.* Order in Council, July 1, 1893) apply to this year also.

Same Acts and parts of Acts as last year apply to 1902, and list of exempted vessels and Puget Sound rates remain the same.

EDGAR CROW BAKER,
*Secretary-Treasurer.*

VICTORIA, B.C., December 31, 1902.

| Date. | Nature of Receipt. | Amount. | Date. | Head of Service. | Amount. |
|---|---|---|---|---|---|
| 1902. | | $ cts. | 1902. | | $ cts. |
| January 1 .. | | | | | |
| Jan. 1 to Dec. 31 | To Balance from last year | 1,134 72 | Feb. 6 | By V. and E. pilots, division surplus, 1901 | 1,134 72 |
| " " | Pilotage dues, 12 months | 16,347 62 | Jan. 1 to Dec. 31 | V. and E. pilots, earnings as per receipts | 14,712 86 |
| " " | Examination fee | 20 00 | " " | Board of examiners, fees for examination | 20 00 |
| " " | Certificate fees, Puget Sound steamers | 200 00 | " " | Secretary-treasurer, 12 months' salary | 600 00 |
| | Pilotage outwards, in certain cases to credit of Pilotage Authority | 56 63 | " " | Office expenses, rent, fuel, light &c | 347 88 |
| | | | Decembre 31 | Balance to credit of Pilotage Authority | 943 51 |
| | | 17,758 97 | | | 17,758 97 |

Approved.

JOHN G. COX,
A. B. FRASER, TREAS.,
J. KINGHAM,
WILLIAM GRANT.
*Commissioners.*

EDGAR CROW BAKER,
*Secretary.*

Audited and certified correct.

A. B. FRASER, *Treasurer,*

VICTORIA, B.C., January 6, 1903.

PILOTAGE DUES collected, January 1 to December 31, 1902.

| Month. | British. | Foreign. | Total. | Remarks. |
|---|---|---|---|---|
| | $ cts. | $ cts. | $ cts. | |
| January | 396 00 | 942 75 | 1,338 75 | N.B.—The total $16,347·62 does not include sums of $200 collected from Puget Sound Steamers and $56.63 pilotage outwards in certain cases to credit of Pilotage Authority. |
| February | 348 50 | 816 00 | 1,164 50 | |
| March | 387 50 | 723 75 | 1,111 25 | |
| April | 344 50 | 855 75 | 1,200 25 | |
| May | 446 50 | 1,143 12 | 1,589 62 | |
| June | 560 25 | 875 50 | 1,435 75 | |
| July | 385 00 | 1,093 75 | 1,478 75 | |
| August | 400 00 | 1,016 00 | 1,416 00 | |
| September | 611 75 | 899 50 | 1,511 25 | |
| October | 498 75 | 860 50 | 1,359 25 | |
| November | 376 25 | 998 25 | 1,374 50 | |
| December | 436 75 | 931 00 | 1,367 75 | |
| | 5,191 75 | 11,155 87 | 16,347 62 | |

EDGAR CROW BAKER,
*Secretary.*

VICTORIA, B.C., December 31, 1902.

# APPENDIX No. 31.

## REPORT OF THE PORT WARDEN OF MONTREAL FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

MONTREAL, January 8, 1903.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour by direction of the Council of this Board, and in compliance with section 31 of the Act governing the Port Warden's Office, 45 Vic., chap. 45, to transmit herewith documents as follows :—

1. Port Warden's annual report for the year 1902.
2. Audited statement of receipts and expenditure for the year ended December 31, 1902.
3. Statement of investments of Port Warden surplus funds.

I have the honour to be, sir,
Your obedient servant,

GEORGE HADRILL,
*Secretary.*

MONTREAL, December 31, 1902.

To the President and Council
of the Montreal Board of Trade.

GENTLEMEN,—I have the honour to submit the annual report of the business of this office, with statements of exports, receipts and expenditure for the year 1902.

The river was open for navigation unusually early this year, the Longueuil boat commencing to make her regular trips on April 5.

The first vessel to report at this office was the trading schooner *White Cloud*, Captain Mabe, which arrived on April 10.

The first steamer arriving here to load was the ss. *Polino* for the lower ports, she arrived on April 12.

The first ocean steamship to arrive was the ss. *Fremona* at 1 p.m., April 17, from the Mediterranean ports with a cargo of fruit.

The first oversea sailing vessel to arrive was the barkentine *Mary Hendry* which arrived on May 12 from Barbados with a cargo of molasses.

The ss. *Kildona* was the first steamship to enter the St. Lawrence by the Straits of Belle Isle, on June 25, she experienced fine weather, and very little ice ; reports favourably of the sound signal on Belle Isle. We have had telegraphic reports of vessels passing the island from time to time during the season ; improvements are being made on the island ; another lighthouse is being erected at the north-east end, and should cause this route to be looked upon more favourably, the straits being well marked and lighted at both ends.

The shipping business for this season came to a close by the departure hence of the ss. *Monterey* for Bristol at 10 a.m., November 28, and the ss. *Louisburg* at 1.45 p.m., same day for Sydney, C. B., light.

Navigation finally closed by the ss. *Toledo* (new) from the upper lakes, passing through the harbour for sea on the morning of December 4.

Four hundred and five oversea or foreign going vessels of all kinds, were entered at this office, with a tonnage of 1,054,248 tons, an increase of 9 vessels and 66,230 tons, compared with the year 1901.

The business to the lower ports this year consisted of : entered 315 vessels, with a tonnage of 455,273 tons, an increase of 26 vessels and 42,824 tons.

Clearances of vessels loaded for the lower ports were as follows : 102 vessels of all classes with a tonnage of 70,141 tons, as against 90 vessels of all classes last year with a tonnage of 67,253 tons, an increase of 12 vessels and 2,888 tons, this season.

There is a large increase in the number of vessels going hence to complete their loading, but this does not arise from any scarcity of water in the ship channel. The depth of water in the ship channel has kept well up this season, the lowest water recorded was 27 feet at Sorel in October, and that only for a short time.

Vessels part loaded at Montreal, completed loading at Quebec and elsewhere.

1901—89 vessels, 1902—134 vessels; vessels sailing hence light had to load elsewhere.

1901—20 vessels, 1902—31 vessels. We have had a number of disasters in the St. Lawrence this year, but nothing of a serious nature between this port and Quebec. I would again urge upon you the necessity for a dry dock at this port, which has been very strongly emphasized this season. Some of the vessels that met with disaster in the river bringing their cargoes to this port, after discharging, had to go to other ports for repairs (returning to this port to load) thus diverting a large amount of profitable employment from this port.

The absence of a dry dock and the necessary facilities for repairing damaged vessels at this port must injuriously affect the interest of the St. Lawrence trade with underwriters when considering the acceptance of a risk, or naming a rate of premium on hull or cargo.

There have been two notable departures in the trade of the port this season, which I trust will be permanent and progressive, namely the opening of direct trade with Australia by the sailing of the barque *Weathersfield* with a cargo of lumber, and direct steam communication with South Africa which was inaugurated by the sailing of the Allan line ss. *Ontarian* with a general cargo on October 19.

The shipments of various kinds for the past season manifested and reported at this office are as per attached statements.

All of which is respectfully submitted,

ARCHIBALD REID,
*Port Warden.*

COMPARATIVE STATEMENT of Shipments 1901 and 1902 as per Manifests reported at Port Warden's Office.

| Description. | | 1901. | 1902. | 1902. Increase. | 1902. Decrease. |
|---|---|---|---|---|---|
| Wheat | Bush. | 13,588,098 | 17,119,006 | 3,530,908 | ..... |
| Buckwheat | " | 89,883 | 126,360 | 36,477 | ..... |
| Peas | " | 740,749 | 409,456 | ..... | 331,293 |
| Barley | " | 656,962 | 246,336 | ..... | 410,626 |
| Rye | " | 768,697 | 860,925 | 92,228 | ..... |
| Oats | " | 2,459,234 | 1,782,785 | ..... | 676,449 |
| Corn | " | 4,078,215 | 237,329 | ..... | 3,840,886 |
| Flax seed | " | 669,871 | 313,671 | ..... | 356,200 |
| Total | | 23,051,709 | 21,095,868 | 3,569,613 | 5,615,454<br>3,569,613 |
| Total decrease for the year 1902 | | | | | 2,045,841 |
| Flour and meal | Brls. | 633,331 | 761,495 | 128,164 | ..... |
| Ashes | " | 1,131 | 863 | ..... | 268 |
| Apples | " | 121,186 | 467,303 | 346,117 | ..... |
| Cheese | Boxes | 1,793,893 | 2,010,006 | 216,113 | ..... |
| Butter | Pckgs | 407,606 | 532,320 | 124,714 | ..... |
| Eggs | " | 204,094 | 158,308 | ..... | 45,786 |
| Box meats | " | 162,567 | 133,316 | ..... | 29,251 |
| Lard | " | 253,018 | 213,070 | ..... | 39,948 |
| Dead meats | Qrrs. | 1,174 | 211 | ..... | 963 |
| Pulp | Tons | 12,249 | 12,609 | 360 | ..... |
| Paper | " | 7,137 | 6,361 | ..... | 776 |
| Sundries | " | 34,667 | 32,183 | ..... | 2,484 |
| Hay | " | 25,343 | 45,624 | 20,281 | ..... |
| Oil cake | " | 12,127 | 14,396 | 2,269 | ..... |
| Minerals | " | 9,837 | 4,299 | 5,538 | ..... |
| Dried grains | " | 471 | 57 | ..... | 414 |
| Lumber | Ft. B. M. | 220,663,712 | 235,984,496 | 15,320,784 | ..... |
| Cattle | Head | 71,488 | 77,141 | 5,653 | ..... |
| Horses | " | 1,244 | 529 | ..... | 715 |
| Sheep | " | 48,073 | 45,786 | ..... | 2,287 |
| Horses to South Africa | " | 5,218 | ..... | ..... | 5,218 |

## STATEMENT of Oversea or Foreign-going Vessels.

| Description. | 1901. | | 1902. | |
|---|---|---|---|---|
| | No. | Tons. | No. | Tons. |
| Steamers | 388 | 983,649 | 392 | 1,048,385 |
| Barques | 4 | 2,240 | 9 | 4,427 |
| Brigs and schooners | 4 | 2,129 | 4 | 1,436 |
| Totals | 396 | 988,018 | 405 | 1,054,248 |

Increase of 9 vessels and 66,230 tons.

## STATEMENT of Lower Port Arrivals.

| | | | | |
|---|---|---|---|---|
| Steamers | 278 | 410,944 | 306 | 454,183 |
| Brigs and schooners | 11 | 1,505 | 9 | 1,090 |
| Totals | 289 | 412,449 | 315 | 455,273 |

Increase of 26 vessels and 42,824 tons.

## CLEARANCES for Lower Ports.

| | | | | |
|---|---|---|---|---|
| Steamers | 82 | 66,272 | 95 | 69,369 |
| Brigs and schooners | 8 | 981 | 7 | 772 |
| Totals | 90 | 67,253 | 102 | 70,141 |

Increase of 12 vessels and 2,888 tons.

| | |
|---|---|
| Revenue, 1901 | $ 9,272 03 |
| " 1902 | 11,001 82 |
| Increase | $ 1,729 79 |

# PORT WARDEN'S OFFICE.

## STATEMENT of Receipts and Expenditure for the year ended December 31, 1902.

**DR.**

| 1901. | | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31... | To balance cash in bank | 12,054 64 | |
| | Cash in Port Warden's hands | 98 04 | |
| | | | 12,152 68 |
| | Outstanding accounts, 1901 | | 8 02 |
| 1902. | | | |
| Dec. 31... | Revenue derived as under: | | |
| | 17,119,006 bushels wheat | | |
| | 126,360 " buckwheat | | |
| | 409,456 " peas | | |
| | 246,336 " barley | | |
| | 860,925 " rye | | |
| | 1,782,785 " oats | | |
| | 237,329 " corn | | |
| | 313,671 " flaxseed | | |
| | 57 tons dried grain | | |
| | 14,396 " oil cake | | |
| | 4,299 " minerals | | |
| | 863 barrels ashes | | |
| | 761,495 " flour & meal &c. | | |
| | 467,303 " apples | 1,168 27 | |
| | 77,661 head oxen and horses | 776 61 | |
| | 45,786 " sheep | 114 44 | |
| | 203,709 tons sundries | 4,074 18 | |
| | 45,624 " hay | 912 48 | |
| | 235,984,496 feet sawn lumber | 1,179 84 | |
| | Port Warden's fees, (inwards) | 227 00 | |
| | " " " (outwards) | 2,205 00 | |
| | Special surveys | 725 00 | |
| | Damaged cargo certificates | 219 00 | |
| | | | 11,001 82 |
| | Interest, bank account | 324 95 | |
| | Treasurer Board of Trade, interest on investments | 3,030 50 | |
| | | | 3,355 45 |
| | | | 26,517 97 |
| 1903. | | | |
| Jan. 1... | To balance | 16,966 96 | |

**CR.**

| 1902. | | $ cts. | $ cts. |
|---|---|---|---|
| Dec. 31... | By paid salaries, &c.:— | | |
| | Archibald Reid, Port Warden | 2,700 00 | |
| | Jas. N. Bales, Deputy Port Warden | 1,800 00 | |
| | W. J. Anderson, bookkeeper | 1,500 00 | |
| | H. C. Lane, clerk | 480 00 | |
| | F. A. Jackson, junior clerk | 65 00 | |
| | L. Thompson, " | 90 00 | |
| | J. A. Vibert, allowance | 300 00 | |
| | Superannuation allowances:— | | |
| | Archibald Reid, Port Warden | 300 00 | |
| | Jas. N. Bales, Deputy Port Warden | 200 00 | |
| | W. J. Anderson, bookkeeper | 200 00 | |
| | J. A. Vibert | 179 94 | |
| | Board of Trade, secretarial expenses | 1,000 00 | |
| | Rent, fuel and taxes | 312 58 | |
| | Telephones, light, cleaning office, &c. | 213 57 | |
| | Loyds' register and shipping papers | 35 47 | |
| | Books, printing and stationery | 35 05 | |
| | Cab and car fares | 30 50 | |
| | Miscellaneous expenses | 36 60 | |
| | Alf. W. Hadrill, auditor | 60 00 | |
| | | | 9,538 71 |
| | Outstanding accounts, 1902 | | 12 30 |
| | Balance cash in bank | 14,481 85 | |
| | Cash in Port Warden's hands | 2,485 11 | |
| | | | 16,966 96 |
| | Cheque for interest deposited January 5, 1903, $2,340.25 | | |
| | | | 26,517 97 |

Audited and found correct,

ALF. W. HADRILL, *Auditor.*

E. & O. E.

ARCHIBALD REID,
*Port Warden.*

MONTREAL, January 4, 1902.

STATEMENT of the Investments of the Surplus Funds of the Port Warden's Office at Montreal, and of interest accruing therefrom during the year ended December 31, 1902.

| Date. | —— | Amount. | Per cent for 12 mos. | Interest. |
|---|---|---|---|---|
| | | $ | | $ cts. |
| Feb. 16, '80. | Expended $2,380.34 in purchase of Dominion Government stock | 2,300 | 3½ | 80 50 |
| Aug. 16, '80. | Expended $7,254.11 in purchase of city of Montreal registered stock | 7,000 | 5 | 350 00 |
| April 18, '84. | Expended $5,031.34 in purchase of city of Montreal four per cent registered stock (Nos. 1720, 1721, 1722, 1723, 1724=5 at $1,000 | 5,000 | 4 | 200 00 |
| Mar. 14, '87. | Expended $10,320.75 in purchase of city of Montreal consolidated fund stock | 10,000 | 4 | 400 00 |
| | Loans to Montreal Board of Trade building fund to date | 50,000 | 4 | 2,000 00 |
| | Total | 74,300 | | 3,030 50 |

ROBERT MUNRO,
*Treasurer, Montreal Board of Trade.*

GEORGE HADRILL,
*Secretary, Montreal Board of Trade.*

MONTREAL, January 7, 1903.

# APPENDIX No. 32.

## REPORT OF THE PORT WARDEN OF QUEBEC, FOR THE CALENDAR YEAR ENDED DECEMBER 30, 1902.

PORT WARDEN'S OFFICE,
QUEBEC, December 11, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—As usual at the end of the year, I send you a return of the business transacted in the Port Warden's office during the season just closed.

It shows the receipts and disbursements to have been as follows, viz. :—

| | |
|---|---|
| Receipts from all sources | $1,597 00 |
| Disbursements | 553 00 |
| Balance net receipts | $1,044 00 |

I also inclose a report of cattle and sheep shipped at Quebec during the season, on which no fees were charged, as instructed by your letter of June 15, 1901.

Thirteen steamers took 3,661 cattle, and 4 took 3,407 sheep.

The fees on which, if collected, would have amounted to the sum of $71.97, if charged for as in former years.

I am, sir, with much esteem,
Your obedient servant,

W. SIMONS,
*Port Warden.*

PORT WARDEN'S OFFICE,
QUEBEC, December 31, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—As requested by the 30th section of the Port Warden's rules, I beg respectfully to submit the following annual statement of the business transacted in this office during the year ending December 31, 1902, as follows :—

Eighty-nine steamers were surveyed for clearance outwards after taking part cargo on board at this port, having previously shipped part cargo of grain and other goods at Montreal.

Sixteen steamers were surveyed for clearance outwards after having shipped full cargoes of grain and other goods at this port.

Twenty-two steamers and eleven sailing vessels were surveyed, their hatches opened and cargo examined on their arrival from sea.

Seven steamers and one sailing vessel were surveyed on account of grounding and stranding in the River St. Lawrence below and above Quebec.

One steamer and six sailing vessels were surveyed on account of collision damage.

Three steamers and two cargoes were surveyed and their value estimated for general average purpose.

Eighteen surveys were held on damaged goods in store and over on wharfs.

The receipts and disbursements of this office were as follows :—

| | |
|---|---|
| Receipts from all sources | $ 1,597 00 |
| Expenses | 553 00 |
| Balance, net receipts | $ 1,044 00 |

Besides the above there were several vessels damaged by stranding and otherwise that did not come under the Port Warden's rules.

Thirteen steamers took live stock at Quebec during the season, amounting in all to 3,661 cattle and 3,407 sheep, on which, if fees had been collected as in former years, would have amounted to $71.97, as shown by accompanying statement.

With much respect,
I am your obedient servant,

W. SIMONS,
*Port Warden.*

# APPENDIX No. 33.

## REPORT OF THE PORT WARDEN AT RIMOUSKI, P.Q., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

RIMOUSKI, December 31, 1902.

Honourable Mr. PREFONTAINE,
Minister of Marine and Fisheries.

HONOURABLE SIR,—I have the honour to submit my report as Port Warden of Rimouski.

At the request of Captain Martel, of the schooner *Fred Jackson*, which went ashore on the banks of Portneuf (north side) on October 2 last, I examined the said wrecked vessel, assisted by two captains. We found that the vessel was not too badly damaged. I went on board her two days afterwards and I came to the conclusion that the vessel had to be condemned as she was filling up with water at each tide. I consequently recommended that the vessel be sold for the benefit of the parties interested.

I also collected $8 for my services and $5 for the services of the two captains as assistants. The whole respectfully submitted.

I have, &c.,

CAPT. ELZÉAR HEPPEL,
*Port Warden, Rimouski.*

# APPENDIX No. 34.

## REPORT OF THE PORT WARDEN AT ANNAPOLIS, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

ANNAPOLIS, N.S., December 31, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my report for the year ended December 31, 1902. I have not been requested to hold survey on any vessels this year.

I have the honour to be, sir,
Your obedient servant,

SIMON W. RILEY,
*Port Warden.*

# APPENDIX No. 35.

## REPORT OF THE PORT WARDEN AT HALIFAX, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

PORT WARDEN'S OFFICE,
HALIFAX, N.S., December 31, 1902.

F. GOURDEAU, Esq.,
Deputy Minister Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my report for the year ended December 31, 1902, accompanied by a statement of the receipts and expenditure during that period.

Surveys have been held on ten steamers and three sailing vessels which arrived at this port in a damaged condition during the year. The necessary repairs were made to the vessels and those of them bound to other ports with their cargoes proceeded to their destinations, where they have all arrived safely.

The schooner *Abbie Verna* of St. John, N.B., put into this port for a harbour on December 3, while on a voyage from Sheet Harbour, N.S., bound to New Bedford, Mass., with a cargo of laths. When ready for sea the crew refused to proceed in her. The master had the crew brought up before George H. Fielding, Esquire, Stipendiary Magistrate, for refusing duty, when they gave as an excuse that the vessel was overloaded and unseaworthy. At the request of the Stipendiary Magistrate a survey was held on the vessel when she was found to be overloaded and the pump insufficient. Half the deck load was discharged and a new iron pump put in the vessel. Just as the vessel was ready for sea, a telegram was received from the owners to pay off the crew and lay the vessel up for the winter. The crew were paid off and the vessel laid up in accordance with the owners' instructions.

I have the honour to be, sir,
Your most obedient servant,

DAVID HUNTER,
*Port Warden.*

RECEIPTS and Expenditure of the Port Warden, Halifax, N.S., from January 1 to December 31, 1902.

| DR. | $ cts. | CR. | $ cts. |
|---|---|---|---|
| To amount of fees received..... ... | 1,746 50 | By Paid assistants, office expenses, &c. | 1,224 93 |
| | | Amount reverting to Port Warden | 521 57 |
| | 1,746 50 | | 1,746 50 |

I hereby certify that the above is a true and correct statement of the receipts and expenditure of the Port Warden at Halifax, N.S., during the year 1902.

DAVID HUNTER,
*Port Warden.*

# APPENDIX No. 36.

## REPORT OF THE PORT WARDEN AT PORT HAWKESBURY, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

PORT WARDEN'S OFFICE,
PORT HAWKESBURY, December 31, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit to you the doings of this office during the year now closing.

And also the amount of fees collected by me during the present year.

There was one survey held on the schooner *Arthur* of Sydney of the burthen of 99 tons.

And also one survey on schooner *Samuel C. Hart*, of Boston, from Louisburg, C.B.

These were the only vessels repaired under survey at this port during the present year.

I have the honour to be, sir,
Your most obedient servant,

D. W. HENESEY,
*Port Warden.*

| | $ cts. | | $ cts. |
|---|---|---|---|
| | | Paid assistants :— | |
| 1 survey on schooner *Arthur* | 15 00 | Wm. Duff, carpenter | 5 00 |
| | | J. J. Henesey | 5 00 |
| | | Wm. Duff, carpenter | 5 00 |
| | | J. J. Henesy, master mariner | 5 00 |
| 1 survey on schooner *Samuel C. Hart* | 15 00 | | |
| | | Total | 20 00 |
| Total | 30 00 | Amount reverting to Port Warden | 10 00 |

I do hereby certify that the above is a true statement of surveys held and fees paid.

D. W. HENESEY,
*Port Warden.*

PORT HAWKESBURY, December 31, 1902.

# APPENDIX No. 37.

## REPORT OF THE PORT WARDEN AT PICTOU, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

PICTOU, N.S., January 5, 1903.

Port Warden's report at the Port of Pictou, N.S., for the year 1902, A.D. :—

| | |
|---|---|
| Survey on reports of schooners, &c., | |
| Schooner *Monitor* | $ 34 00 |
| " *Malabar* | 26 00 |
| " *Josie* | 2 50 |
| SS. *Jacques Cartier* | 14 25 |
| Total | $ 76 75 |
| Expenses for the year, &c. | |
| Capt. J. Fraser | $ 10 00 |
| Duncan Johnson | 10 00 |
| James Kitchen | 5 00 |
| Sundries | 6 30 |
| Total | $ 31 30 |
| Total amount of fees received | $ 76 75 |
| " expenses | 31 30 |
| Amount reverting to Port Warden | $ 45 45 |

WILLIAM CUMMING MUNRO,
*Port Warden.*

# APPENDIX No. 38.

## REPORT OF THE PORT WARDEN OF WHITNEY PIER, SYDNEY, C.B., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

SYDNEY, N.S., March 12, 1903,

To the Honourable the
Minister of Marine and Fisheries,
Ottawa, Ont.

DEAR SIR,—Herewith I beg to hand you Port Warden's report for the year ended December 31, 1902. All of which is respectfully submitted.

I have the honor to remain,
Your obedient servant,

NELSON TOWNSEND,
*Port Warden.*

## Port Warden's Report for Whitney Pier, Sydney, N.S., for 1902.

| Date. | Rig. | Name of Vessel. | Name of Master. | Registered Tonnage. | Cargo. | From. | Where Bound | Draught. Fore. | | Draught. Aft. | | Free Board | | Fee. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1902. | | | | | | | | ft. | in. | ft. | in. | ft. | in. | $ cts. |
| Jan. 10 | S S | Priestfield | Curtis | 2,612 | Iron ore | Wabana | Rotterdam | 23 | 7 | 23 | 10 | 7 | 6 | 8 00 |
| " 16 | " | Bjongvin | Laading | 1,785 | Pig iron | Sydney | Glasgow | 22 | 5 | 22 | 8 | 2 | 9 | 8 00 |
| " 21 | " | Trold | Gulliksen | 2,075 | " | " | " | 21 | 3 | 21 | 8 | 5 | 10 | 8 00 |
| Feb. 22 | " | Priestfield | Curtis | 2,612 | " | " | " and Rotterdam | 23 | 11 | 23 | 10 | 6 | 8½ | 8 00 |
| Mar. 6 | " | Oscar II | Peterson | 2,247 | " | " | " | 19 | 9 | 19 | 7 | 4 | 10 | 8 00 |
| " 17 | " | Trold | Gulliksen | 2,075 | " | " | New York | 16 | 8 | 18 | 2 | 8 | 2 | 8 00 |
| " 20 | " | Regulus | Couch | 859 | Steel billets | " | Boston | 18 | .. | 19 | .. | 3 | 6 | 8 00 |
| Apl. 8 | " | Trold | Gulliksen | 2,075 | Pig iron | " | Glasgow | 21 | 11 | 22 | 6 | 4 | 11 | 8 00 |
| " 11 | " | A. R. Thorpe | Asklund | 647 | Steel billets | " | Baltimore, Md | 13 | 9½ | 15 | 9½ | 1 | 7 | 8 00 |
| " 16 | " | Priestfield | Curtis | 2,612 | Pig iron | " | Glasgow | 23 | 11 | 24 | 5 | 6 | 4¾ | 8 00 |
| " 19 | " | Micmac | Fraser | 1,599 | " | " | Philadelphia | 21 | 2 | 22 | 2 | 4 | 2 | 8 00 |
| " 26 | " | Oscar II | Peterson | 2,247 | " | " | " | 19 | 9½ | 20 | 2½ | 4 | 2 | 8 00 |
| May 3 | " | Oscar Fredriksen | Camp | 2,727 | Coal | " | Copenhagen | 20 | 8 | 21 | 2 | 4 | 4 | 8 00 |
| " 8 | " | Indrani | Gillies | 2,339 | Pig iron | " | Glasgow | 23 | 8 | 25 | 6 | 6 | 5½ | 8 00 |
| " 14 | " | Alabama | Gwatkin | 1,241 | Pig iron and sulphate of ammonia | " | Philadelphia | 22 | 2 | 22 | 2 | 5 | 4½ | 8 00 |
| " 14 | " | Tjomo | Neilsen | 899 | Steel billets | " | Baltimore | 16 | 9 | 17 | 3 | 4 | 8 | 8 00 |
| " 16 | " | Siggen | Smedsvig | 670 | Pig iron and steel billets | " | Boston | 14 | 8 | 15 | 6 | 2 | 20 | 8 00 |
| " 19 | " | Brantingham | Moore | 1,685 | Wood | Three Rivers, Que | Glasgow | 19 | 6 | 19 | 11 | 3 | 10 | 8 00 |
| " 19 | " | Forest Holme | Beaton | 1,544 | " | Pierreville, Que | London | 19 | .. | 20 | 9 | 9 | 9 | 8 00 |
| " 21 | " | Aquila | Gundersen | 1,407 | " | Quebec | " | 19 | .. | 20 | .. | 5 | 6 | 8 00 |
| " 21 | " | Banjor | Brown | 2,201 | " | Chatham, N.B | Belfast | 20 | 6 | 22 | 3 | 10 | 4¾ | 8 00 |
| " 23 | " | Loughrigg Holme | Johnston | 1,317 | " | Montreal | London | 18 | 7 | 19 | 2 | 9 | 9½ | 8 00 |
| " 30 | " | Siggen | Smedsvig | 670 | Steel billets | Sydney | Baltimore, Md | 14 | 8 | 15 | 6 | 2 | 2 | 8 00 |
| " 31 | " | Throld | Sundby | 2,075 | Pig iron and steel billets | " | New York | 20 | 2 | 20 | 7 | 6 | 7 | 8 00 |
| June 7 | " | Forest Brook | Hunter | 1,729 | Wood | Montreal | London | 18 | 9 | 21 | 4 | 12 | 9 | 8 00 |
| " 10 | " | Skallagrim | Christiansen | 1,642 | " | " | Sharpness | 18 | 6 | 21 | 6 | 7 | 11 | 8 00 |
| " 10 | " | Rosalind | Farrel | 1,684 | Pig iron / General | Sydney, N.S / St. Johns, Nfld | Jersey City via Hfx | 15 | 9 | 18 | 3 | 10 | 7 | 8 00 |
| " 11 | " | Bengore Head | Phillips | 1,619 | Wood | Miramichi | Cork | 22 | 4 | 23 | 2 | 6 | 9 | 8 00 |
| " 11 | " | Memnon | Thomas | 2,046 | Pig iron | Sydney | Montreal | 21 | 7 | 24 | 6 | 7 | 4 | 8 00 |
| " 13 | " | Skarp | Simonsen | 890 | Wood | Montreal | Hull | 18 | 6 | 19 | 3 | 3 | 9 | 8 00 |
| " 16 | " | Whitefield | Johns | 1,560 | " | " | Yarmouth via H'pool | 19 | 6 | 20 | .. | 3 | 7 | 8 00 |
| " 17 | " | Tornba | Cotterell | 1,913 | Pig iron and steel billets | Sydney | Montreal | 14 | 5 | 17 | 2 | 12 | 5½ | 8 00 |
| " 21 | " | Tjomo | Nilsen | 899 | Steel billets | " N.S. | Newark, N.J. | 17 | 1 | 17 | 5 | 4 | 6 | 8 00 |
| " 21 | " | Nordhavet | Olsen | 2,159 | Wood | St. John, N.B | Dublin | 20 | .. | 22 | .. | 5 | 8 | 8 00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | 25 | " | Avona | Lie | 1,864 | Wood | Quebec | London | 21 | 5 | 21 | 7 | 11 | 4 | 8 | 00 |
| " | 26 | " | Beatrice | Randall | 2,139 | Hard pine | Ship Island | " | 21 | 2 | 22 | 6 | 5 | 4½ | 8 | 00 |
| " | 30 | " | Laura | Crast | 2,014 | Wood | St. John, N.B | Cardiff | 20 | 2 | 20 | 6 | 4 | 5 | 8 | 00 |
| July | 1 | " | Siggen | Smedsvig | 670 | Steel billets | Sydney, N.S | Boston | 14 | 6 | 15 | 9 | 2 | 2 | 8 | 00 |
| " | 7 | " | Lord Lansdowne | English | 1,794 | Wood | Avonport, N.S | Fleetwood | 20 | 8 | 22 | .. | 8 | 1 | 8 | 00 |
| " | 7 | " | Tjomo | Nilsen | 899 | Steel billets | Sydney | New York | 17 | 1 | 17 | 5 | 4 | 6 | 8 | 00 |
| " | 8 | " | Roddam | Fox | 1,507 | Hard pine | Mobile | Dalfzyl | 20 | 8 | 21 | 2 | 2 | ½ | 8 | 00 |
| " | 12 | " | Norden | Schmidt | 1,509 | Wood | St. John, N.B | Newport | 20 | 3 | 20 | 3 | 4 | 1 | 8 | 00 |
| " | 16 | " | Dora | Goulding | 1,105 | " | Montreal and Quebec | Bristol | 18 | 2 | 18 | 4 | 1 | 6 | 8 | 00 |
| " | 14 | " | Zanzibar | Robinson | 1,919 | " | Montreal | London | 18 | 6 | 19 | 5 | 4 | 11½ | 8 | 00 |
| " | 17 | " | Siggen | Smedsvig | 670 | Steel billets | Sydney, N.S | Baltimore | 14 | 9 | 15 | 9 | 2 | .. | 8 | 00 |
| " | 21 | " | Cluden | Frattles | 2,036 | Pitch pine | Ship Island | Antwerp | 20 | 10 | 22 | 2 | 10 | 1 | 8 | 00 |
| " | 22 | " | Loughrigg Holme | Johnstone | 1,317 | Wood | Montreal | Cardiff | 18 | 6 | 19 | 6 | 9 | 1 | 8 | 00 |
| " | 24 | " | Mokta | Kirton | 1,549 | " | Rivière du Loup | Cork | 19 | 6 | 21 | 8 | 8 | 8 | 8 | 00 |
| " | 24 | " | Bangor | Brown | 2,201 | " | Miramichi | Belfast | 21 | 9 | 21 | 9 | 10 | 8 | 8 | 00 |
| " | 28 | " | Tjomo | Nilsen | 899 | Steel billets | Sydney, N.S | Baltimore | 17 | 3 | 17 | 7 | 4 | 4 | 8 | 00 |
| " | 30 | " | Regulus | Couch | 858 | Pig iron | " | New York | 19 | 2 | 20 | 2 | 3 | 6 | 8 | 00 |
| Aug. | 5 | " | Nordcap | Rasmnssven | 2,294 | Wood | Quebec | London | 22 | 6 | 24 | .. | 6 | 5 | 8 | 00 |
| " | 5 | " | Siggen | Smedsvig | 630 | Steel billets | Sydney | Boston | 14 | 6 | 15 | 6 | 2 | 2 | 8 | 00 |
| " | 8 | " | Glanton | Leisk | 1,941 | Hard pine | Sapels, Ga | Greenock | 21 | 5 | 21 | 9 | 2 | 6 | 8 | 00 |
| " | 19 | " | Tjomo | Nilsen | 899 | Steel billets | Sydney | Boston | 17 | 3 | 17 | 7 | 4 | 4 | 8 | 00 |
| " | 25 | " | Siggen | Smedsvig | 670 | " | " | Baltimore | 14 | 8 | 15 | 6 | 2 | .. | 8 | 00 |
| " | 26 | " | Capenor | Rodham | 1,651 | Hard pine | Pensacola | Antwerp | 21 | 1 | 21 | 8 | 2 | 8 | 8 | 00 |
| " | 27 | " | Forest Brook | Hunter | 1,729 | Wood | Quebec | London | 18 | 8 | 22 | .. | 12 | 5 | 8 | 00 |
| " | 30 | " | Skallagrim | Christiansen | 1,642 | " | St. John | Queenstown | 21 | 6 | 22 | .. | 5 | 10 | 8 | 00 |
| ept. | 4 | " | Tjomo | Nilsen | 899 | Steel billets | Sydney | Baltimore | 17 | .. | 17 | 5 | 4 | 6 | 8 | 00 |
| " | 6 | " | Nether Holme | Gorley | 1,285 | Wood | Three Rivers | London | 17 | .. | 19 | 8 | 3 | 5 | 8 | 00 |
| " | 8 | " | Pyona | Crossley | 1,854 | " | Chatham | Cardiff | 20 | 4 | 21 | 5 | 5 | .. | 8 | 00 |
| " | 13 | " | Memnon | Thomas | 2,046 | General and steel billets | Sydney | Montreal | 19 | 1 | 22 | 2 | 9 | 9 | 8 | 00 |
| " | 16 | " | Bangor | Brown | 2,201 | Wood | Chatham | Movile | 21 | 8 | 22 | 2 | 9 | 9 | 8 | 00 |
| " | 16 | " | Lord Iveagh | Minister | 2,137 | Grain and cotton | Galveston | Havre | 20 | 7 | 20 | 11 | 7 | 6¾ | 8 | 00 |
| " | 20 | " | John Christie | Jospersen | 972 | Wood | Pugwash | Manchester | 18 | 3 | 18 | 10 | 2 | 4 | 8 | 00 |
| " | 22 | " | Kalfond | Gitlesen | 792 | " | Three Rivers | Cork | 14 | 6 | 16 | 10 | 1 | 8 | 8 | 00 |
| " | 23 | " | Gaditano | Gaicaechea | 1,569 | Staves | New Orleans | Bordeaux | 22 | 2 | 23 | 4 | 7 | 4 | 8 | 00 |
| " | 26 | " | Tjomo | Nielsen | 899 | Steel billets | Sydney | Philadelphia | 17 | 3 | 17 | 8 | 4 | 4 | 8 | 00 |
| " | 29 | " | Santanderind | Egurada | 1,814 | Pitch pine | Pensacola | Fleetwood | 21 | 8 | 22 | .. | 7 | .. | 8 | 00 |
| Oct. | 3 | " | Neva | Danielsen | 1,109 | Wood | Campbellton, N.B | Glasgow | 18 | 6 | 20 | .. | 3 | 11 | 8 | 00 |
| " | 6 | " | Carl | Olsen | 1,558 | " | Quebec | Bristol | 20 | 2 | 21 | 6 | 9 | 7 | 8 | 00 |
| " | 6 | " | Siggen | Smedsvig | 670 | Steel billets | Sydney | New Haven, Conn | 14 | 6 | 16 | .. | 2 | 2 | 8 | 00 |
| " | 6 | " | Rjukan | Linaac | 1,108 | Wood | Chatham, N.B | Preston | 17 | 8 | 19 | .. | 3 | 3 | 8 | 00 |
| " | 7 | " | Unique | Bjouness | 1,298 | " | Riviere du Loup, Que | Cork | 20 | 2 | 21 | 6 | 2 | 6 | 8 | 00 |
| " | 13 | " | Banana | Painter | 1,802 | " and cotton | Mobile, Ala | Liverpool | 17 | 6 | 19 | 10 | 7 | 2 | 8 | 00 |
| " | 13 | " | Roddan | Fox | 1,506 | Pitch pine | Norfolk & Pensacola | Genoa | 20 | 6 | 20 | 8 | 2 | 6 | 8 | 00 |
| " | 13 | " | Manchester Corpn | Heath | 3,585 | Grain and cotton | Pensacola | Bremen | 24 | .. | 24 | .. | 10 | 4 | 8 | 00 |
| " | 14 | " | Tonma | Thorsen | 979 | Pig iron, steel billets and ammonia | Sydney, N.S | Philadelphia | 17 | 8 | 18 | 1 | 2 | 9½ | 8 | 00 |
| " | 14 | " | Lord Ormonde | Aiken | 2 533 | General | Galveston | Bremen | 22 | 2 | 24 | 8 | 6 | 10 | 8 | 00 |
| " | 14 | " | Mantinea | Pearce | 1,737 | Wood | Chatham, N.B | Glasgow | 19 | 10 | 21 | 2 | 5 | 3 | 8 | 00 |
| " | 14 | " | Leuctra | Grant | 1,949 | " | " | Browhead | 19 | 8 | 21 | 3 | 5 | 4 | 8 | 00 |

## PORT WARDEN'S REPORT for Whitney Pier, Sydney, N.S., for 1902—*Concluded.*

| Date. | Rig. | Name of Vessel. | Name of Master. | Registered Tonnage. | Cargo. | From. | Where bound. | Draught. Fore. ft. | Fore. in. | Aft. ft. | Aft. in. | Free Board ft. | Free Board in. | Fee. $ cts. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1901. | | | | | | | | | | | | | | |
| Oct. 18 | " | Concordia | Webb | 1,616 | Coal | Sydney, N.S | Montreal | 21 | 2 | 21 | 6 | 5 | 9 | 8 00 |
| " 20 | " | Loango | Cole | 1,933 | General | Rotterdam | " | 20 | .. | 20 | 11 | 9 | 11 | 8 00 |
| " 23 | " | Ceylon | Johansen | 1,443 | Grain and wood | Montreal and Quebec | Hull | 20 | .. | 20 | 2 | 3 | .. | 8 00 |
| " 24 | " | Maderlino | Delaraga | 1,778 | Pitch pine | Pensacola | Genoa | 23 | 6 | 24 | 6 | 7 | 6 | 8 00 |
| " 27 | " | Minnetonka | Fowler | 3,860 | Grain | Quebec | London | 23 | 6 | 24 | 3 | 9 | 3 | 8 00 |
| " 27 | " | Laura | Crast | 2,014 | Pitch pine | Mobile | Greenock | 17 | 6 | 18 | .. | 6 | 5 | 8 00 |
| " 31 | " | Tjomo | Nilsen | 899 | Steel billets | Sydney | Boston | 17 | 1 | 17 | 7 | 4 | 3 | 8 00 |
| " 31 | " | Nith | Stephenson | 1,489 | Pig iron | " | Baltimore | 19 | 9½ | 19 | 9 | 2 | 4 | 8 00 |
| " 31 | " | Longfond | Hansen | 1,634 | Wood | St. Catherines Bay, Quebec | London | 20 | .. | 20 | .. | 7 | 2 | 8 00 |
| Nov. 6 | " | Siggen | Smedsvig | 670 | Steel billets | Sydney | Philadelphia | 14 | 6 | 15 | 6 | 2 | 3 | 8 00 |
| " 6 | " | Sydenham | Danielsen | 1,544 | Wood | Montreal | Tyne Docks | 16 | .. | 17 | 7 | 5 | 11 | 8 00 |
| " 7 | " | John Christie | Jaspersen | 972 | " | Sydney | Dublin | 18 | 3 | 18 | 10 | 2 | 4 | 8 00 |
| " 16 | " | Hestra | Ferguson | 2,434 | General and pig iron | Montreal and Sydney | Glasgow | 21 | 6 | 21 | 10 | 8 | 6 | 8 00 |
| " 17 | " | Lugano | Knight | 2,870 | Pitch pine | Pensacola | Corunna | 24 | 4 | 21 | 9 | 8 | 7 | 8 00 |
| " 15 | " | Fox | Tufte | 1,582 | Steel billets | Sydney, N.S | Chester, Pa | 19 | 2 | 19 | 2 | 3 | 5½ | 8 00 |
| " 12 | " | Ashantis | Brichman | 2,186 | General and cattle | Montreal | London | 20 | 1 | 21 | 2 | 6 | 3½ | 8 00 |
| " 15 | " | Assencion DeLarringa | Kramer | 2,793 | Cotton | Galveston | Manchester | 17 | 9 | 21 | 9 | 9 | .. | 8 00 |
| " 22 | " | Priestfield | Curtis | 2,612 | Steel, pig iron and ammonia | Sydney | Philadelphia | 23 | 5 | 24 | 2 | 6 | 9½ | 8 00 |
| " 22 | " | Actis | Olsen | 857 | Wood | Three Rivers | London | 14 | 2 | 15 | 8 | 4 | 2 | 8 00 |
| " 26 | " | Bergenhus | Svendsen | 2,344 | Steel billets | Sydney | Philadelphia | 22 | 5 | 22 | 5 | 5 | 9 | 8 00 |
| " 25 | " | Arygal | Rod | 990 | Wood | Bangor, Me. | Greenock | 17 | 6 | 19 | 4 | 3 | 7 | 8 00 |
| " 27 | " | Skuld | Hansen | 1,698 | General and wood | Montreal | Hull, Eng | 23 | 6 | 22 | 11 | 5 | 6 | 8 00 |
| " 27 | " | Siggen | Smedsvig | 670 | Steel billets | Sydney | Philadelphia | 14 | 6 | 15 | 6 | 2 | 3 | 8 00 |
| " 28 | " | Memnon | Thomas | 2,046 | General and cattle | Montreal and Quebec | London | 20 | 3 | 22 | 2 | 8 | 9½ | 8 00 |
| " 28 | " | Lovstakken | Rinertsen | 2,003 | Wood | Chatham, N.B | Browhead | 19 | .. | 20 | 2 | 6 | 9 | 8 00 |
| Dec. 1 | " | Nith | Stevenson | 1,489 | " | Liscomb, N.S | Manchester | 19 | 10 | 19 | 11 | 3 | 3 | 8 00 |
| " 1 | " | Melville | Lymons | 2,871 | General | Montreal | Cape Town, S.A | 21 | .. | 22 | 4 | 8 | 2¾ | 8 50 |
| " 1 | " | Belfast | Bowl | 2,139 | " | " | Cardiff | 20 | .. | 21 | 10 | 6 | 9 | 8 05 |
| " 2 | " | Bringham | Felkins | 2,612 | Pulp wood | Quebec | Manchester | 20 | 2 | 22 | 6 | 9 | 3½ | 8 00 |
| " 8 | " | Alderney | Frivald | 1,987 | Steel billets | Sydney | Philadelphia | 19 | 6 | 20 | 4 | 4 | 5½ | 8 00 |
| " 10 | " | Unison | Pedersen | 761 | Survey on hatches and cargo of cement. | | | | | | | | | |
| " 10 | " | Oscar Fredrik | Camp | 2,667 | Coal | Sydney | Stockholm | 20 | 5 | 21 | .. | 4 | 8 | 8 00 |
| " 18 | " | Oscar II | Peterson | 2,247 | " | " | Oxelosund | 19 | 3 | 20 | .. | 4 | 8 | 8 00 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | 19.. | " | .. | Trald. | Sundby | 2,075 | Pig iron | " | New York | 20 | 10 | 21 | 8 | 5 | 7 | 8 | 00 |
| " | 19.. | " | .. | Colombia | Kirtzberg | 511 | General | Philadelphia | Bergen | 12 | 2 | 13 | 9 | 2 | 2 | 8 | 00 |
| " | 29.. | " | .. | Cape Breton | Reid | 1,109 | Steel. | Sydney | Boston | 17 | .. | 18 | 2 | 1 | 5½ | 8 | 00 |
| " | 30.. | " | .. | Oriana | Andersen | 2,882 | General | St. John, via Halifax, N.S | Cape Town, S.A | 22 | 7 | 24 | 9 | 7 | 9 | 8 | 00 |
| | | | | | | 199,356 | | | | | | | | | | 952 | 00 |

NELSON TOWNSEND,
*Port Warden.*

# APPENDIX No. 39.

## REPORT OF THE PORT WARDEN AT YARMOUTH, N.S., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

YARMOUTH, N.S., January 9, 1903.

To the Minster of Marine and Fisheries,
Ottawa.

SIR,—I now make my report as Port Warden for Yarmouth, N.S., for year ended December 31, 1902.

I have been called on nineteen times for survey of hatches and vessels arriving in distress, and once for sea-worthiness.

| | |
|---|---|
| Gross amount of fees | $252 00 |
| Paid out for assistance | 129 00 |
| Net amount of fees | $123 00 |

I remain your obedient servant,

EBEN SCOTT,
*Port Warden.*

# APPENDIX No. 40.

## REPORT OF THE PORT WARDEN AT CHATHAM, N.B., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

CHATHAM, N.B., February 22, 1902.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—Inclosed please find copies of surveys on bark *Josva* and schooner *Blomidon* at this port; those included all the surveys this season made by me as Port Warden. Navigation closed on this river about the 12th inst. The amounts received by me this season were as follows:—

| | |
|---|---|
| Schooner *Blomidon* | $15 00 |
| Bark *Josva* | 25 00 |
| | $40 00 |

Your obedient servant,

WILLIAM MUIRHEAD,
*Port Warden.*

PORT CHATHAM, N.B., October 30, 1902.

At the request of J. A. Shute, master of the schooner *Blomidon*, 271 tons, of Canning, Nova Scotia, I William Muirhead, Port Warden of the Port of Chatham, New Brunswick, Dominion of Canada, and Robert J. Walls, ship carpenter and pilot master, proceeded on board the said schooner for the purpose of holding a survey on said vessel, she having been driven into the port by stress of weather in the Gulf of St. Lawrence while on a voyage from New York, U.S., to Seven Islands, in the Province of Quebec. We, the above mentioned surveyors, found fore masthead sprung and twisted, main gaff broken, port cat head gone, outer jib, main jib, foresail and spanker badly torn, lower streak of bulwark cut away to let water off the deck. Officers and crew report vessel making considerable water at sea but since arrival in port the leak has stoped. We, the surveyors would recommend deck and waterways to be caulked; sails, sails rigging and spars repaired, and any other repairs necessary to make the vessel sea-worthy. We would also recommend the discharging of a part or all of the cargo of cement in order to report on state of the hull as far as can be seen without hauling vessel out of water, and thoroughly overhaul and caulk topsides Owing to the lateness of the season and the nature of the cargo of cement, do not consider it prudent for Captain Shute to attempt to proceed on his voyage to Seven Islands, and would therefore recommend him to discharge and store his cargo of cement until spring.

WILLIAM MUIRHEAD,
*Port Warden.*

ROBERT J. WALLS,
*Pilot Master.*

*Survey on bark "Josva".*

PORT OF CHATHAM, September 15, 1902.

At the request of Christopher Ommundsen, master of the Norwegian bark *Josva*, 495 tons, register tonnage, now lying at the Port of Chatham, I, William Muirhead, Port Warden of the Port of Chatham, New Brunswick, Dominion of Canada, and Robert J. Walls, Pilot Harbour and Shipping Master, proceeded on board the said bark *Josva* for the purpose of holding a survey on hatches and a cargo of salt and sugar.

We found the hatches well tarpaulined and battened and in good condition; also the cargo as far as visible in fair state and not damaged by salt water or in any other manner.

WILLIAM MUIRHEAD,
*Port Warden.*

ROBERT J. WALLS,
*Pilot Master.*

# APPENDIX No. 41.

## REPORT OF THE PORT WARDEN AT HOPEWELL CAPE, N.B., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

HOPEWELL CAPE, December 31, 1902.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—Inclosed please find annual statement of Port Warden's fees for year ended December 31, 1902. I also report the schooner *Lillie G.* an abandoned wreck. I also report the schooner *Glad Tidings* as a wreck.

Yours, &c.,

HENRY J. BENNETT,
*Port Warden.*

Amount of fees collected for the year ended December 31, 1902 :—

| | |
|---|---|
| Schooner *Ellen M. Mitchell* | $12 00 |
| " *Earl of Aberdeen* | 16 00 |
| | $28 00 |

H. J. BENNETT,
*Port Warden.*

Schooner *Ellen M. Mitchell* dragged ashore near Grindstone Island in gale of wind. Held surveys and granted certificates.

Schooner *Earl of Aberdeen* collided with schooner in Petitcodiac River and sustained damages. Held surveys and granted certificates.

H. J. BENNETT,
*Port Warden.*

HOPEWELL CAPE, December 31, 1902.

# APPENDIX No. 42.

## REPORT OF THE PORT WARDEN AT ST. ANDREWS, N.B., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

St. Andrews, N.B., January 5, 1903.

Port Warden's report for all dues collected at the port of St. Andrews, for the calendar year ended December 31, 1902 :—

| | | |
|---|---|---|
| March 27 | Survey on schooner *Glenosa* | $4 50 |
| April — | " pilot boat *Cruisoe* | 1 00 |
| Nov. 28 | " schooner *Wm. Doran* | 1 00 |
| | | $6 50 |

JOHN WREN,
*Port Warden*

# APPENDIX No. 43.

## REPORT OF THE PORT WARDEN AT PRINCE EDWARD ISLAND FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

PORT WARDEN'S OFFICE,
PRINCE EDWARD ISLAND, December 31, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report of the business of my office during the past season.

I regret to say that we have had an unusual early close of navigation which prevented more produce being shipped from the island this season.

I am glad to state that all the vessels loaded with grain cargoes for foreign ports have arrived safe at ports of destination.

I have the honour to be, sir,
Your obedient servant,

H. P. WELSH.

RECEIPTS and Expenditure of the Port Warden's Office, Prince Edward Island, for the year ended December 31, 1902.

| Date. | Receipts. | Amount. | Date. | Expenditure. | Amount. |
|---|---|---|---|---|---|
| 1902. | | $ cts. | 1902. | | $ cts. |
| | To fees derived from grain-laden vessels | 29 00 | | By expenses of office | 9 75 |
| | Damaged goods | 12 00 | | Commissions to deputies | 21 00 |
| | Survey on wrecks | 20 00 | | Balance | 106 75 |
| | Other surveys | 76 00 | | | |
| | | 137 50 | | | 137 50 |

I hereby certify the above to be a correct statement.

H. P. WELSH.

CHARLOTTETOWN, P.E.I., December 31, 1902.

# APPENDIX No. 44.

## REPORT OF THE PORT WARDEN AT VICTORIA AND ESQUIMALT, B.C., FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1902.

VICTORIA, B.C., January 5, 1903.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of submitting my annual report as Port Warden for the ports of Victoria and Esquimalt, B.C., for the year ended December 31, 1902.

| | |
|---|---|
| Amount of fees received for surveys on the hatches of 47 vessels | $235 00 |
| Amount received for surveys on cargoes, hulls, &c | 402 00 |
| Total fees received | $637 00 |

I have the honour to be, sir,
Your obedient servant,

CHARLES E. CLARKE,
*Port Warden.*

# APPENDIX No. 45.

## HARBOUR MASTERS.

TABLE showing the names of Ports proclaimed under certain Dominion Acts, the provisions of which are found in Chapter 86, Revised Statutes of Canada, for the appointment of harbour masters; the dates of proclamation; the names of the harbour masters appointed; the dates of the appointment of harbour masters; the amount which each of their salaries is not to exceed; the amount of fees collected by each of them during the calendar year ended December 31, 1902, and the overplus, if any, paid in to the credit of the Receiver General.

### PROVINCE OF ONTARIO.

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1902. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Collingwood | Mar. 3, '77 | Andrew Lockerbie | Mar. 3, '77 | 200 00 | 88 00 | ..... |
| Depôt Harbour | June 15, '98 | J. F. Pratt | May 30, '98 | 200 00 | ..... | ..... |
| Fort William | July 7, '91 | Thos. E. Oakley | May 21, '97 | 400 00 | Nil. | ..... |
| French River | June 20, '93 | E. Borron, jun. | June 20, '93 | 200 00 | ..... | ... |
| Goderich | April 22, '76 | William Marlton | May 8, '94 | 300 00 | 41 50 | ..... |
| Meaford | July 16, '02 | Samuel McClain | July 16, '02 | 200 00 | 3 50 | ..... |
| Midland | July 22, '82 | John White | July 13, '97 | 200 00 | 155 00 | ..... |
| Parry Sound | Mar. 24, '83 | John Purvis | Oct. 9, '00 | 200 00 | ..... | ..... |
| Penetanguishene | Feb. 2, '77 | Francis Dusome | June 3, '81 | 200 00 | 20 50 | ..... |
| Port Arthur | May 12, '84 | B. Guerard | May 21, '97 | 200 00 | 83 00 | ..... |
| Port Stanley | Jan. 15, '98 | Frank E. Shepherd | Jan. 15, '98 | 200 00 | ..... | ..... |
| Rondeau | May 4, '78 | W. R. Fellowes | Dec. 17, '88 | 100 00 | 19 00 | ..... |
| Southampton | Sept. 13, '75 | W. H. Johnston | Oct. —, '82 | 100 00 | 57 50 | ..... |
| Sarnia | July 25, '85 | Robert McAdam | May 3, '86 | 300 00 | ..... | ..... |

### PROVINCE OF QUEBEC.

| | | | | | | |
|---|---|---|---|---|---|---|
| Amherst | Sept. 2, '78 | John Cassidy | Sept. 2, '78 | 200 00 | 13 50 | ..... |
| Bersimis | July 31, '91 | Earl D. Chase | July 31, '91 | 200 00 | ..... | ..... |
| Carleton | Dec. 8, '81 | Charles Bernier | April 15, '02 | 200 00 | ..... | ..... |
| Chicoutimi | May 23, '85 | Ainsworth Sturton | June 8, '86 | 200 00 | ..... | ... |
| Grand Entry | Feb. 19, '92 | Geo. Rumley | Jan. 12, '01 | 200 00 | ..... | ..... |
| Grand River | April 3, '00 | Geo. Beaudin | April 3, '00 | 100 00 | 22 00 | ... |
| Gaspé | Sept. 22, '74 | Francis G. Eden | " 3, '89 | 500 00 | ..... | ..... |
| House Harbour | Aug. 9, '87 | C. Lafrance | Dec. 10, '96 | 200 00 | 7 50 | ..... |
| Lachine | April 19, '80 | Vacant | ..... | ..... | ..... | ..... |
| Matane | Oct. 19, '77 | L. J. Levasseur | Dec. 12, '96 | 200 00 | 48 50 | ..... |
| Métis | Feb. 7, '78 | J. H. Ferguson | Mar. 10, '96 | 200 00 | ..... | ..... |
| New Carlisle | " 25, '89 | John Chisholm | April 22, '02 | 200 00 | 0 50 | ..... |
| New Richmond | April 3, '82 | F. X. Cormier | " 22, '02 | 200 00 | 28 00 | ..... |
| Nouvelle | Jan. 3, '03 | Joseph Casey | Jan. 3, '03 | 200 00 | ..... | ..... |
| Oak Bay | Mar. 22, '80 | Vacant | ..... | 200 00 | ..... | ..... |
| Paspébiac | May 22, '77 | W. L. Kempffer | Sept. 21, '00 | 150 00 | 54 50 | ... |
| Port Daniel | Mar. 25, '89 | Claude H. Sweetman | Mar. 12, '01 | 200 00 | ..... | ..... |
| Rimouski | " 5, '77 | A. P. St. Laurent | May 13, '96 | 200 00 | 46 00 | ..... |
| Rivière Ouelle | July 22, '82 | Vacant | ..... | 100 00 | ..... | ..... |
| Rivière du Loup | June 19, '00 | F. E. Gilbert | Oct. 5, '02 | 100 00 | 60 00 | ..... |
| St. Thomas | Dec. 21, '84 | L. Dionne | " 22, '96 | 200 00 | 65 50 | ..... |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF QUEBEC—*Concluded.*

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1902. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| St. Johns | Within the Harbour of Montreal. | G. H. Farrar | Mar. 20, '97 | 500 00 | 713 50 | 213 50 |
| Sorel | | J. A. Proulx | June 6, '01 | 400 00 | 439 50 | 39 50 |
| Trois Pistoles | Mar. 28, '98 | Edouard T. Pettigrew | April 11, '99 | 100 00 | 19 00 | ..... |

PROVINCE OF NEW BRUNSWICK.

| | | | | | | |
|---|---|---|---|---|---|---|
| Alma | May 2, '98 | Gideon W. Parsons | Mar. 2, '98 | 100 00 | 3 50 | ..... |
| Bathurst | " 30, '73 | M. T. Daley | April 21, '96 | 200 00 | 82 00 | ..... |
| Black's Harbour and Beaver Harbour | Sept. 22, '83 | E. W. Cross | Sept. 22, '83 | 100 00 | ..... | ..... |
| Buctouche | May 30, '73 | H. Hutchinson | April 17, '97 | 100 00 | ..... | ..... |
| Campbellton | " 9, '73 | A. J. Venner | " 12, '93 | 200 00 | 113 00 | ..... |
| Campobello | " 30, '73 | W. E. Sulis | Dec. 16, '92 | 100 00 | ..... | ..... |
| Cape Tormentine | " 7, '95 | M. S. Treen | May 13, '01 | 200 00 | 60 00 | ..... |
| Caraquet | " 30, '74 | X. G. Paulin | July 16, '02 | 150 00 | Nil. | ..... |
| Chatham | " 30, '73 | R. J. Walls | April 13, '91 | 300 00 | 299. 50 | ..... |
| Cocagne | " 30, '73 | H. Bourgeois | Mar. 12, '97 | 100 00 | ..... | ..... |
| Dalhousie | " 30, '73 | W. S. Smith | " 19, '88 | 200 00 | 190 50 | ..... |
| Dorchester | " 30, '75 | James Shea | Oct. 25, '00 | 200 00 | 24 00 | ..... |
| Fairhaven | " 30, '01 | Alonzo Calder | July 30, '01 | 200 00 | 18 50 | ..... |
| Fredericton | " 30, '73 | Vacant | ..... | ..... | ..... | ..... |
| Grand Manan, North | Aug. 22, '89 | Newton L. Thomas | Oct. 9, '01 | 100 00 | ..... | ..... |
| Grand Manan, South | " 22, '89 | Turner Ingalls | May 23, '01 | 100 00 | ..... | ..... |
| Gull Rock Channel | Jan. 14, '98 | Wm. L. Kent | Jan. 14, '98 | 100 00 | ..... | ..... |
| Great Shemogue | May 10, '73 | Vacant | ..... | 100 00 | ..... | ..... |
| Harvey | " 30, '73 | Jas. E. Bishop | June 22, '97 | 100 00 | 42 50 | ..... |
| Heron Channel | July 15, '97 | Duncan Robertson | July 15, '97 | 200 00 | 51 00 | ..... |
| Hillsborough | May 30, '73 | John O'Shaughnessy | April 13, '98 | 100 00 | 143 50 | ..... |
| Hopewell Cape | Aug. 25, '91 | John H. Christopher | June 26, '99 | 200 00 | 40 50 | ..... |
| Ledge of St. Stephens | May 30, '73 | W. McBean | " 12, '94 | 100 00 | ..... | ..... |
| Letete, &c | Sept. 22, '83 | Jacob Cook | Nov. 26, '97 | 100 00 | 7 00 | ..... |
| Little Shippegan and Miscou Gully | April 19, '86 | Donald Harper | April 19, '86 | 100 00 | ..... | ..... |
| Little Shemogue | Sept. 5, '88 | Vacant | ..... | 100 00 | ..... | ..... |
| Moncton | May 30, '73 | T. J. Coffey | April 12, '02 | 200 00 | 5 50 | ..... |
| Musquash | Mar. 26, '74 | J. McNulty | Sept. 28, '96 | 100 00 | 13 00 | ..... |
| Newcastle | May 30, '73 | John Niven | July 7, '73 | 300 00 | 116 50 | ..... |
| North Joggins | " 30, '73 | Vacant | ..... | ..... | ..... | ..... |
| Port Elgin and Bay Verte | Feb. 6, '73 | Andrew Grant | May 7, '01 | 200 00 | 6 50 | ..... |
| Pokemouche | July 7, '83 | M. Landry | " 13, '01 | 100 00 | Nil. | ..... |
| Richibucto | May 30, '73 | James Alexander Jardine | " 11, '74 | 200 00 | ..... | ..... |
| Rockland | " 30, '73 | Vacant | ..... | ..... | ..... | ..... |
| Sackville | " 30, '73 | John A. Bowser | Aug. 8, '98 | 200 00 | ..... | ..... |
| St. Andrew's | " 30, '73 | John Wren | May 6, '84 | 100 00 | 101 00 | 1 00 |
| St. George | " 30, '73 | Geo. W. McKenzie | " 10, '00 | 100 00 | 12 00 | ..... |
| St. Martin and Quaco | " 14, '74 | J. R. McDonough | July 16, '02 | 100 00 | 16 50 | ..... |
| Shediac | " 30, '75 | Alexander McQueen | May 19, '76 | 300 00 | 63 50 | ..... |
| Shippegan | " 30, '73 | Auguste Robichaud | Mar. 29, '01 | 100 00 | ..... | ..... |
| Tracadie | July 9, '75 | Theodore Savoy | Sept. 23, '99 | 100 00 | 9 00 | ..... |
| Waterside | Sept. 3, '89 | W. C. Anderson | May 24, '01 | 100 00 | 1 00 | ..... |
| West Isles | July 30, '01 | B. Simpson | Sept. 27, '01 | 200 00 | ..... | ..... |

PROVINCE OF NOVA SCOTIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| Abbot's Harbour | May 23, '01 | F. U. D'Entremont | May 23, '01 | 200 00 | 5 00 | ..... |
| Advocate | " 10, '80 | Wm. Mills | Mar. 17, '99 | 100 00 | ..... | ..... |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF NOVA SCOTIA—*Continued.*

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1902. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Annapolis | Feb. 25, '75 | John Lindgren | July 7, '98 | 200 00 | 55 00 | .... |
| Apple River | Aug. 5, '86 | Robt. D. Field | Sept. 9, '90 | 200 00 | 35 50 | .... |
| Arichat | April 22, '79 | B. Gerrior | May 23, '01 | 200 00 | 32 50 | .... |
| Baddeck | Sept. 15, '75 | Alex. McAulay | Dec. 10, '90 | 100 00 | .... | .... |
| Barrington | April 1, '81 | B. Kenney | July 6, '93 | 200 00 | 16 50 | .... |
| Bayfield | July 11, '79 | John McDonald | " 11, '79 | 200 00 | Nil. | .... |
| Bay St. Lawrence | April 21, '87 | G. Zwicker | April 21, '87 | 200 00 | .... | .... |
| Bear River | Sept. 22, '74 | Wm. McFadden | Sept. 27, '97 | 100 00 | 31 50 | .... |
| Beaver Harbour | July 5, '80 | Henry Hawbolt | " 22, '88 | 100 00 | 7 00 | .... |
| Big Harbour | June 9, '83 | Donald McKenzie | May 28, '83 | 100 00 | Nil. | .... |
| Bridgewater | May 6, '74 | William Oakes | Jan. 28, '96 | 100 00 | 68 50 | .... |
| Bras d'Or including New Campbellton | " 6, '74 | Wm. Livingstone | Feb. 13, '94 | 200 00 | 11 00 | .... |
| Cape Canso | June 6, '76 | William A. H. Oliver | Mar. 2, '99 | 100 00 | 123 50 | 23 50 |
| Cape Negro or North East Harbour | May 18, '81 | A. D. Perry | May 18, '81 | 200 00 | 13 50 | .... |
| Chester | Sept. 8, '83 | A. P. Corkum | July 8, '96 | 100 00 | 7 00 | .... |
| Cheticamp | April 15, '76 | Fulgence Aucoin | April 15, '76 | 100 00 | .... | .... |
| Clark's Harbour | June 1, '81 | J. B. Brannen | June 1, '81 | 200 00 | 5 00 | .... |
| Clementsport | May 1, '77 | J. M. LeCain | Oct. 18, '98 | 150 00 | 9 00 | .... |
| County Line to Grand Narrows | May 28, '83 | Vacant | .... | .... | .... | .... |
| Crow Harbour | Sept. 30, '88 | A. F. Ehler | Aug. 30, '97 | 100 00 | .... | .... |
| D'Escousse | Jan. 23, '85 | Michael Martell | April 22, '02 | 100 00 | 5 50 | .... |
| Digby | Feb. 19, '78 | Howard Anderson | June 19, '02 | 200 00 | 43 50 | .... |
| East Bay | Aug. 25, '83 | Donald McInnis | April 5, '86 | 100 00 | .... | .... |
| Fourchie | May 22, '89 | Neil MacLean | May 22, '89 | 100 00 | 3 00 | .... |
| Gaberouse | Mar. 3, '79 | John Wm. Hardy | Nov. 2, '86 | 100 00 | 1 00 | .... |
| Glasgow and Cape Breton Pier, Sydney | Oct. 30, '80 | Angus McQuarrie | Oct. 30, '80 | 300 00 | 68 50 | .... |
| Guysboro | Jan. 15, '89 | Archibald M. Peart | Feb. 11, '02 | 100 00 | 7 00 | .... |
| Halifax | No proclamation required by Act | J. E. Butler | Sept. 21, '93 | 1,800 00 | 1,521 00 | .... |
| Hantsport | June 7, '84 | Wm. McCulloch | Jan. 17, '02 | 225 00 | 276 00 | 50 75 |
| Ingonish, North Bay of | Mar. 24, '81 | John Jackson | April 25, '02 | 200 00 | .... | .... |
| " South " | Oct. 9, '84 | James Doucette | " 30, '01 | 100 00 | 22 10 | .... |
| Ingram River | Feb. 18, '00 | Rand. Gibbons | Feb. 18, '00 | 100 00 | .... | .... |
| International Pier, Sydney | " 30, '80 | Michael J. Neville | Oct. 30, '80 | 300 00 | 619 00 | 319 00 |
| Isaac's Harbour | " 30, '89 | Thomas D. Cook | June 19, '00 | 100 00 | 21 50 | .... |
| Jeddore | Sept. 20, '90 | Wm Jennox | Sept. 20, '90 | 100 00 | 9 50 | .... |
| Jordan Bay | Oct. 25, '76 | Freeman Thorburn | Mar. 11, '01 | 150 00 | 20 00 | .... |
| Kelly Cove | Feb. 17, '99 | Jos. B. Huskins | Feb. 17, '99 | 100 00 | .... | .... |
| LaHave or Getson's Cove | " 25, '75 | George Henry Zwicker | " 25, '75 | 300 00 | 39 50 | .... |
| L'Ardoise, Upper and Lower | Aug. 29, '84 | George Burke | Aug. 29, '84 | 100 00 | 1 50 | .... |
| Lingan | July 12, '81 | Thomas Laffin | July 12, '81 | 200 00 | .... | .... |
| Liscomb | May 18, '81 | Lewis Wilson | Feb. 20, '00 | 200 00 | 53 50 | .... |
| Little Bras d'Or Lake between McKay's Point and Grand Narrows | April 25, '84 | Daniel Campbell | April 17, '99 | 100 00 | .... | .... |
| Little Bras d'Or Lake from McKay's Point to Washadebuck River | " 25, '84 | Alex. J. McNeil | " 25, '84 | 100 00 | .... | .... |
| Little Glace Bay | July 23, '74 | E. Douglas Rigby | May 8, '84 | 200 00 | 7 00 | .... |
| Little Narrows to Cranberry Point | June | K. McLennan | Nov. 1, '97 | 100 00 | .... | .... |
| Liverpool | Jan. 19, '77 | Isaac V. Dexter | Oct. 7, '99 | 200 00 | .... | .... |
| Lockeport | May 18, '81 | E. A. Capstick | May 18, '81 | 200 00 | .... | .... |
| Louisbourg | Mar. 17, 79 | H. C. V. Lavatte | Oct. 13, '98 | 200 00 | .... | .... |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF NOVA SCOTIA—*Continued.*

| Name of Port. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1902. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Lunenburg | Dec. 3, '75 | John Loye | Dec. 10, '96 | 150 00 | 147 50 | ..... |
| Mabou | June 23, '80 | John McInnis | July 11, '00 | 100 00 | 2 00 | ..... |
| Mahone Bay | May 16, '87 | J. A. Mader | Jan. 21, '01 | 200 00 | 29 50 | ..... |
| McNair's Cove | Mar. 8, '75 | Ronald McEachen | Mar. 8, '75 | 150 00 | ..... | ..... |
| Main à Dieu | July 21, '86 | Vacant | ..... | ..... | ..... | ..... |
| Marble Mountain | " 26, '92 | D. Macdonald | July 26, '92 | 200 00 | 3 50 | ..... |
| Margaretsville | Mar. 26, '78 | Robert Early | Mar 26, '78 | 100 00 | ..... | ..... |
| Margaret's Bay | July 9, '75 | Henry C. Garrison | Dec. 14, '01 | 100 00 | 11 00 | ..... |
| Margaree | June 5, '86 | Nicholas Deagle | Feb. 27, '93 | 100 00 | ..... | ..... |
| Marie Joseph | Jan. 23, '95 | John Davis | Jan. 23, '95 | 100 00 | ..... | ..... |
| Merigonish | Mar. 26, '78 | D. McGregor | Mar. 22, '93 | 100 00 | 2 50 | ..... |
| Meteghan Harbour | June 8, '97 | B. F. Robichaud | June 8, '97 | 100 00 | 16 50 | ..... |
| Meteghan River | Feb. 10, '83 | L. A. Comeau | " 1, '97 | 100 00 | ..... | ..... |
| Musquodoboit | May 19, '82 | David Williams | May 19, '82 | 100 00 | 5 50 | ..... |
| New Haven | June 9, '83 | H. A. McLeod | Aug. 17, '89 | 100 00 | ..... | ..... |
| Neil's Harbour | April 11, '76 | A. Hayman | May 28, '83 | 100 00 | ..... | ..... |
| Northport | June 27, '82 | John M. Burns | June 27, '82 | 100 00 | 23 50 | ..... |
| North-west Cove, Coleman's Cove and Aspotogan Harbour | Dec. 29, '76 | P. Boutillier | June 30, '92 | 200 00 | ..... | ..... |
| Parrsboro | Oct. 23, '73 | R. T. Smith | April 30, '01 | 300 00 | 275 50 | ..... |
| Petit de Grat | June 5, '95 | S. Boudrot | June 5, '95 | 200 00 | 7 50 | ..... |
| Petite Rivière Bridge | July 7, '83 | John Nelson Parks | April 27, '88 | 100 00 | ..... | ..... |
| Plaster Harbour | May 6, '74 | Vacant | ..... | ..... | ..... | ..... |
| Port George | " 1, '77 | Charles B. Weaver | May 1, '77 | 150 00 | ..... | ..... |
| Port Greville | Mar. 5, '80 | Wm. Cochrane | Oct. 26, '98 | 200 00 | 41 50 | ..... |
| Port Hawkesbury | July 9, '75 | Daniel Henesey | July 9, '75 | 200 00 | 129 50 | ..... |
| Port Hood | " 9, '75 | John H. Murphy | " 9, '75 | 200 00 | 6 00 | ..... |
| Port la Tour | April 14, '81 | Wm. Sholds | Feb. 15, '98 | 200 00 | ..... | ..... |
| Port Lorne | Mar. 13, '86 | Freeman Beardsley | June 9, '97 | 200 00 | 2 00 | ..... |
| Port Maitland | May 26, '85 | Josiah Ellis | Dec. 10, '96 | 200 00 | ..... | ..... |
| Port Morien | Mar. 3, '79 | Hector McDonald | Mar. 3, '79 | 400 00 | 10 50 | ..... |
| Port Mulgrave | " 6, '76 | James McKay | May 1, '01 | 200 00 | 17 00 | ..... |
| Port Medway | June 25, '79 | S. Manthorn | Feb. 2, '99 | 200 00 | ..... | ..... |
| Pubnico | Sept. 27, '82 | D. Q. Amireau | Sept. 27, '82 | 100 00 | 42 50 | ..... |
| Pugwash | Oct. 22, '73 | C. T. DeWolfe | May 6, '95 | 100 00 | 57 00 | ..... |
| Ritcey's Cove | Sept. 29, '84 | T. J. C. Creaser | Jan. 8, '01 | 100 00 | 54 50 | ..... |
| River Bourgeoise | April 19, '86 | E. C. Bouchie | April 19, '86 | 100 00 | 4 50 | ..... |
| River John | Mar. 26, '78 | H. Campbell | June 11, '91 | 100 00 | 0 50 | ..... |
| St. Ann's | Dec. 29, '00 | George Fader | Dec. 29, '00 | 200 00 | 14 00 | ..... |
| St. Mary's River | May 18, '81 | John P. Burns | Dec. 23, '01 | 200 00 | 24 00 | ..... |
| St. Peter's | Jan. 24, '81 | Peter McNeil | Sept. 17, '83 | 200 00 | 95 50 | ..... |
| Sambro | Dec. 23, '79 | Ben Smith | May 27, '90 | 200 00 | 22 00 | ..... |
| Sheet Harbour | May 14, '74 | H. Hall | April 13, '98 | 200 00 | ..... | ..... |
| Shelburne | Aug. 27, '77 | John C. Morrison | May 4, '97 | 200 00 | 151 00 | ..... |
| Ship Harbour | June 2, '84 | Conrad Marks | June 2, '84 | 100 00 | 43 50 | ..... |
| Spencer's Island | May 22, '99 | Baxter McLellan | May 22, '99 | 100 00 | ..... | ..... |
| Tangier | Nov. 14, '01 | Chas. A. Hilchey | Nov. 14, '01 | 200 00 | 6 00 | ..... |
| Tatamagouche | Feb. 27, '78 | Wm. Rielly | June 1, '00 | 200 00 | ..... | ..... |
| Tidnish | Aug. 10, '80 | Manford Oxley | Oct. 22, '01 | 100 00 | 13 50 | ..... |
| Tiverton | April 3, '00 | Joel Blackford | April 3, '00 | 100 00 | 3 00 | ..... |
| Torbay and Whitehaven | May 18, '81 | Andrew Haley | Dec. 10, '97 | 200 00 | ..... | ..... |
| Tusket | Mar. 1, '75 | Charles W. Hatfield | Mar. 7, '87 | 100 00 | ..... | ..... |
| Tusket Wedge | Dec. 19, '99 | James LeBlanc | Mar. 16, '01 | 100 00 | 68 50 | ..... |
| Victoria Pier, South Bar, Sydney | July 25, '84 | Ernest Richardson | Nov. 1, '97 | 200 00 | ..... | ..... |
| Wallace | Oct. 22, '73 | James D. Patton | Feb. 14, '96 | 100 00 | 8 00 | ..... |
| West Arichat | Aug. 20, '90 | A. B. Poirier | Oct. 7, '96 | 100 00 | 17 50 | ..... |
| West Bay | May 8, '84 | John McInnis | May 8, '84 | 100 00 | 1 50 | ..... |
| West Port | Mar. 8, '87 | Geo. Welsh | Jan. 29, '98 | 200 00 | 21 50 | ..... |
| Weymouth | May 21, '94 | R. Payson | May 29, '97 | 200 00 | 35 00 | ..... |
| Whycocomagh | Oct. 8, '75 | Neil McKinnon | Oct. 8, '75 | 100 00 | Nil. | ..... |

TABLE showing the names of the Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF NOVA SCOTIA—*Concluded.*

| Name of Ports. | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not exceed. | Amount collected in 1902. | Amount paid over to Receiver General. |
|---|---|---|---|---|---|---|
| | | | | $ cts. | $ cts. | $ cts. |
| Wolfville | Aug. 16, '01 | J. L. Franklin | Aug. 16, '01 | 100 00 | ..... | 8 50 |
| Wood's Harbour | Feb. 19, '92 | S. K. Woods | Feb. 19, '92 | 200 00 | 16 50 | .... |
| Yarmouth | Mar. 1, '75 | Ebenezer Scott | Oct. 19, '77 | 250 00 | 222 50 | ... |

PROVINCE OF PRINCE EDWARD ISLAND.

| | | | | | | |
|---|---|---|---|---|---|---|
| Alberton | June 17, '74 | John Kingh | July 30, '01 | 200 00 | ..... | ..... |
| Bay Fortune | April 10, '75 | John R. Coffin | April 29, '78 | 200 00 | ..... | ..... |
| Brudenell | July 25, '85 | Vacant | ..... | 200 00 | ..... | ..... |
| Cape Traverse | May 23, '84 | " | ..... | 100 00 | ..... | ..... |
| Cardigan River, including Cardigan Bridge | July 2, '78 | Hercules McDonald | July 2, '78 | 200 00 | ..... | ..... |
| Cardigan River, from head of river to north bank Mitchell River | May 16, '78 | Joseph Livingstone | Nov. 14, '01 | 100 00 | 4 00 | ..... |
| Cove Head | " 15, '80 | James D. McMillan | May 15, '80 | 100 00 | ..... | ..... |
| Charlottetown and Hillsboro River | June 17, '74 | David Small | Feb. 19, '77 | 400 00 | 130 00 | .. |
| Crapaud | " 17, '74 | Wesley Myers | June 17, '74 | 200 00 | 2 50 | ..... |
| Egmont Bay | " 17, '74 | George Bollum | Nov. 3, '85 | 200 00 | Nil. | .... |
| Georgetown | " 17, '74 | Samuel James Hemphill | Sept. 27, '01 | 200 00 | 37 50 | ..... |
| Grand River | April 10, '75 | Wm. Chas. Jenkins | May 4, '97 | 200 00 | ..... | ..... |
| Grand River, down to and including Poplar Point and Chapel Wharf | May 16, '79 | Vacant | ..... | 200 00 | ..... | ..... |
| Malpeque | June 20, '74 | J. Champion | Dec. 10, '96 | 200 00 | ..... | ..... |
| Miminegash | April 12, '80 | Martin Hustler | Jan. 25, '01 | 100 00 | ..... | ..... |
| Montague Bridge | June 7, '74 | Welton Porter | April 7, '97 | 200 00 | 18 50 | .. . |
| Murray Harbour | " 7, '74 | Wm. Miller | June 17, '74 | 200 00 | ..... | ..... |
| Murray River | May 16, '79 | Geo. McLeod | Feb. 9, '97 | 200 00 | 6 00 | ..... |
| New London | June 17, '74 | Wm. Bell | Aug. 25, '96 | 200 00 | ..... | ..... |
| Pinette | " 17, '74 | Daniel McAulay | Dec. 18, '97 | 200 00 | ..... | ..... |
| Port Hill | " 17, '74 | W. C. Brown | June 20, '98 | 200 05 | ..... | ..... |
| Pownal | July 10, '79 | Michael Haley | Mar. 30, '97 | 100 00 | ..... | ..... |
| Rollo Bay | April 10, '75 | Vacant | ..... | 200 00 | ..... | ..... |
| Rustico | May 5, '75 | Felix Buote | Mar. 1, '97 | 200 00 | ..... | ..... |
| St. Peter's Bay | April 10, '75 | George Barry | May 3, '01 | 200 00 | ..... | ..... |
| Souris East and West | " 10, '75 | Wm. McDonald | Sept. 21, '99 | 200 00 | ..... | ..... |
| Summerside | June 17, '74 | Wm. Stymest | Oct. 20, '97 | 200 00 | 51 56 | ..... |
| Tignish | April 22, '90 | Vacant | ..... | ..... | ..... | ..... |
| Tracadie | May 5, '75 | Donald Campbell | Aug. 27, '95 | 200 00 | ..... | ..... |
| Tryon | April 12, '77 | Vacant | ..... | 200 00 | ..... | ..... |
| Vernon River Bridge | June 17, '74 | John Finlay | Oct. 9, '84 | 200 00 | Nil. | ..... |
| West River | May 5, '75 | Vacant | ..... | 200 00 | ..... | ..... |
| Wood Island | " 22, '99 | James Young | May 22, '99 | 100 00 | ..... | ... |

PROVINCE OF BRITISH COLUMBIA.

| | | | | | | |
|---|---|---|---|---|---|---|
| Chemainus | March 2, '97 | Lewis G. Hill | Mar. 2, '97 | 200 00 | 312 50 | 112 50 |
| Comox | April 25, '96 | Geo. H. Rowe | April 25, '96 | 200 00 | 206 50 | 6 50 |
| Nanaimo and Departure Bay | " 26, '76 | Harry Cooper | Feb. 25, '97 | 500 00 | 183 50 | ..... |
| New Westminster | Jan. 23, '80 | Joseph Reichenbach | May 15, '01 | 400 00 | 85 50 | ..... |
| Quadra | April 17, '77 | Vacant | ... | 300 00 | ..... | ... |
| Vancouver, including Burrard Inlet | Feb. 22, '88 | Malcolm Mcleod | Jan. 14, '97 | 600 00 | 585 50 | ..... |
| Victoria and Esquimalt | March 8, '75 | C. E. Clarke | Nov. 3, '94 | 600 00 | 713 50 | 113 50 |

F. GOURDEAU, *Deputy Minister Marine and Fisheries*

# APPENDIX No. 46.

STATEMENT showing the results of certain returns respecting Shipping and Discharging of Seamen, received by the Department of Marine and Fisheries, in accordance with the provisions of Chapter 74, Consolidated Statutes of Canada, from Shipping Masters throughout the Dominion, for the half-years ended June 30 and December 31, 1902.

NOTE.—Names printed in italics are Shipping Masters appointed under the Act. The Collectors of Customs act as Shipping Masters.

## QUEBEC.

| Name of Port. | Name of County. | Name of Shipping Master. | For half-year ended June 30, 1902. | | | For half-year ended December 31, 1902. | | | Total Seamen Shipped. | Total Seamen Discharged. | Total Amount. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Seamen Shipped. | Seamen Discharged. | Amount. | Seamen Shipped. | Seamen Discharged. | Amount. | | | |
| | | | | | $ cts. | | | $ cts. | | | $ cts. |
| Escoumains | Saguenay | Collector of Customs | | | | | | | | | |
| Gaspé | Gaspé | *F. G. Eden* | | | | | | | | | |
| Magdalen Islands | " | Collector of Customs | | | | | | | | | |
| Montreal | Hochelaga | *Wm. Cunningham* | 1,039 | 733 | 736 40 | 2,529 | 1,580 | 1,738 50 | 3,568 | 1,303 | 2,474 90 |
| New Richmond | Bonaventure | Collector of Customs | | | | | | | | | |
| Paspebiac | " | " " | 10 | 6 | 6 80 | 12 | 14 | 10 20 | 22 | 20 | 17 08 |
| Percé | Gaspé | " " | | | | | | | | | |
| Quebec | Quebec | *J. U. Gregory* | 183 | 245 | 1 65 | 280 | 345 | 243 50 | 463 | 590 | 408 50 |
| Rimouski | Rimouski | Collector of Customs | | | | | | | | | |
| St. Johns | St. Johns | " " | | | | | | | | | |
| Sorel | Richelieu | " " | | | | | | | | | |
| Three Rivers | 3 Riv. & St. Maur. | " " | | | | | | | | | |

## NEW BRUNSWICK.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Alma | Albert | Collector of Customs | | | | | | | | | |
| Bathurst | Gloucester | " " | | | | | | | | | |
| Buctouche | Kent | " " | | | | | | | | | |
| Chatham | Northumberland | *R. J. Walls* | 14 | 8 | 9 40 | 22 | 14 | 16 45 | 36 | 22 | 25 85 |
| Cocagne | Kent | Collector of Customs | | | | | | | | | |
| Dalhousie | Restigouche | " " | | | | | | | | | |
| Dorchester | Westmoreland | " " | | | | | | | | | |
| Fredericton | York | " " | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Grand Harbour | Charlotte | *D. J. W. McLaughlin* | | | | | | | | | |
| Harvey | Albert | Collector of Customs | | | | | | | | | |
| Hillsborough | " | " " | | | | | | | | | |
| Lepreaux | Charlotte | " " | | | | | | | | | |
| Moncton | Westmoreland | " " | | | | | | | | | |
| Musquash | St. John | " " | | | | | | | | | |
| New Bandon | Gloucester | " " | | | | | | | | | |
| Newcastle | Northumberland | *J. Niven* | | | | | | | | | |
| Quaco | St. John | Collector of Customs | | | | | | | | | |
| Richibucto | Kent | " " | | | | | | | | | |
| Rockport | Westmoreland | " " | | | | | | | | | |
| Sackville | " | " " | | | | | | | | | |
| St. Andrews | Charlotte | " " | | | | | | | | | |
| St. George | " | " " | | | | | | | | | |
| St. John | St. John | *W. H. Purdy* | 1,753 | 528 | 1,034 90 | 1,348 | 822 | 920 60 | 3,101 | 1,350 | 1,955 50 |
| St. Stephen | Charlotte | Collector of Customs | | | | | | | | | |
| Shediac | Westmoreland | " " | | | | | | | | | |
| Shippegan | Gloucester | " " | | | | | | | | | |

## NOVA SCOTIA.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Advocate Harbour | Cumberland | Collector of Customs | 9 | 10 | 7 50 | 3 | 7 | 3 60 | 12 | 17 | 11 10 |
| Amherst | " | " " | | | | | | | | | |
| Annapolis | Annapolis | " " | | | | | | | | | |
| Antigonish | Antigonish | " " | | | | | | | | | |
| Apple River | Cumberland | " " | | | | | | | | | |
| Arichat | Richmond | *D. O'C. Madden* | | | | | | | | | |
| Aspy Bay | Victoria | Collector of Customs | | | | | | | | | |
| Baddeck | " | " " | | | | | | | | | |
| Barrington | Shelburne | " " | 3 | 2 | 2 40 | 4 | 7 | 4 10 | 7 | 6 | 6 50 |
| Bayfield | Antigonish | " " | | | | | | | | | |
| Beliveau's Cove | Digby | " " | 29 | 39 | 26 20 | | | | | | |
| Bear River | " | *W. W. Wade* | | | | | | | | | |
| Beaver Harbour | " | Collector of Customs | | | | | | | | | |
| Bridgetown | Annapolis | " " | | | | | | | | | |
| Bridgewater | Lunenburg | *N. C. Owen* | 30 | 7 | 17 10 | 61 | 53 | 46 40 | 91 | 60 | 63 50 |
| Canning | King's | Collector of Customs | | | | | | | | | |
| Canso | Guysborough | " " | | | | 9 | 15 | 9 00 | 9 | 15 | 9 00 |
| Cape Sable Island | Shelburne | *E. Nickerson* | 4 | 1 | 2 30 | 4 | 2 | 2 60 | 8 | 3 | 4 90 |
| Church Point | Digby | Collector of Customs | 16 | 7 | 10 10 | 22 | 22 | 17 60 | 38 | 29 | 27 50 |
| Clementsport | Annapolis | " " | 25 | 16 | 17 30 | 37 | 40 | 30 50 | 62 | 56 | 47 80 |
| Digby | Digby | " " | | | | | | | | | |
| Freeport | " | " " | | | | | | | | | |
| French Cross | King's | " " | | | | | | | | | |
| Great Bras d'Or | Victoria | " " | | | | | | | | | |
| Guysboro' | Guysboro' | " " | | | | | | | | | |
| Halifax | Halifax | *H. Bligh* | 1,654 | 1,323 | 1,223 90 | 1,451 | 1,233 | 1,095 40 | 3,105 | 2,556 | 2,319 30 |

STATEMENT showing returns respecting Shipping and Discharging Seamen, &c.—*Continued.*

NOVA SCOTIA—*Continued.*

| Name of Port. | Name of County. | Name of Shipping Masters. | For half-year ended June 30, 1902. | | | For half-year ended December 31, 1902. | | | Total Seamen Shipped. | Total Seamen Dis-charged. | Total Amount. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Seamen Shipping. | Seamen Dis-charged. | Amount. | Seamen Shipping | Seamen Dis-charged. | Amount. | | | |
| | | | | | $ cts. | | | $ cts. | | | $ cts. |
| Hantsport | Hants | Collector of Customs | | | | | | | | | |
| Harbour au Bouche | Antigonish | " " | | | | | | | | | |
| Harbourville | King's | " " | | | | | | | | | |
| Isaac's Harbour | Guysboro' | " " | | | | | | | | | |
| Jordan Bay | Shelburne | M. D. McKenzie | | | | | | | | | |
| Lingan | Cape Breton | *Mathew Roche* | | | | | | | | | |
| Liscomb | Guysboro' | Collector of Customs | | | | | | | | | |
| Little Bras d'Or | Cape Breton | " " | | | | | | | | | |
| Little Glace Bay | " | *John Joseph Campbell* | | | | | | | | | |
| Liverpool | Queen's | *I. J. V. Dexter* | | | | | | | | | |
| Lockeport | Shelburne | Collector of Customs | 167 | 31 | 92 80 | | | | | | |
| Londonderry | Colchester | " " | | | | | | | | | |
| Louisburg | Cape Breton | *Wm. Lewis* | | | | | | | | | |
| Lunenburg | Lunenburg | *Alfred G. Heisler* | | | 247 60 | 250 | 215 | 189 50 | | | 437 10 |
| Mahone Bay | " | Collector of Customs | | | | | | | | | |
| Main à Dieu | Cape Breton | " " | | | | | | | | | |
| Maitland | Hants | " " | | | | | | | | | |
| Margaree | Inverness | " " | | | | | | | | | |
| Margaretsville | Annapolis | " " | | | | | | | | | |
| Merigomish | Pictou | " " | | | | | | | | | |
| Meteghan | Digby | " " | 55 | 44 | 40 70 | | | | | | |
| Mulgrave | Guysboro' | " " | 3 | 2 | 2 10 | 9 | 11 | 7 80 | 12 | 13 | 9 90 |
| North-East Harbour | Shelburne | " " | 5 | | 2 50 | | | | 5 | | 2 50 |
| North Sydney | Cape Breton | *Malcolm J. Ross* | | | | | | | | | |
| Parrsboro | Cumberland | *D. K. Holmes* | 208 | 176 | 156 80 | 339 | 321 | 265 80 | 547 | 497 | 422 60 |
| Pictou | Pictou | *John Waters* | 9 | 26 | 12 30 | 82 | 79 | 64 70 | | | |
| Port Gilbert | Digby | Collector of Customs | | | | | | | | | |
| Port Greville | Cumberland | " " | | | | | | | | | |
| Port Hawkesbury | Inverness | *D. A. McDonald* | | | | | | | | | |
| Port Hood | Inverness | Collector of Customs | | | | | | | | | |
| Port la Tour | Shelburne | " " | | | | | | | | | |
| Port Lorne | Annapolis | " " | | | | | | | | | |
| Port Medway | Queen's | " " | | | | | | | | | |
| Port Morien | Cape Breton | " " | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Port Williams | King's | " | " | | | | | | | | |
| Pubnico | Yarmouth | " | " | | | | | | | | |
| Pugwash | Cumberland | " | | | | | | | | | |
| Ritcey's Cove | Lunenburg | " | " | 50 | 40 | 37 00 | | | | | |
| River Hébert | Cumberland | " | " | | | | | | | | |
| St. Ann's | Victoria | " | " | | | | | | | | |
| St. Peter's | Richmond | " | " | | | | | | | | |
| Salmon River | Digby | " | " | | | | | | | | |
| Sheet Harbour | Halifax | " | " | | | | | | | | |
| Shelburne | Shelburne | " | " | 8 | 17 | 9 10 | 11 | 1 | 5 80 | 19 | 18 | 14 90 |
| Sydney | Cape Breton | *James Rudderham* | | 72 | 44 | 49 20 | 204 | 233 | 171 90 | 276 | 277 | 221 10 |
| Sydney, Int. Pier | " | *Vincent Mullins* | | | | | | | | | | |
| Thorne's Cove | Annapolis | Collector of Customs | | | | | | | | | | |
| Truro | Colchester | " | " | | | | | | | | | |
| Tatamagouche | " | " | " | | | | | | | | | |
| Wallace | Cumberland | " | " | | | | | | | | | |
| Walton | Hants | " | " | | | | | | | | | |
| West Arichat | Richmond | *B. Poirier* | | | | | | | | | | |
| Weymouth | Digby | Collector of Customs | | 99 | 55 | 66 00 | | | | | | |
| Windsor | Hants | " | " | | | | | | | | | |
| Wolfville | King's | " | " | | | | | | | | | |
| Yarmouth | Yarmouth | *N. L. Trefry* | | 349 | 262 | 253 10 | 481 | 486 | 386 30 | 830 | 748 | 639 40 |

## PRINCE EDWARD ISLAND.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Alberton | Prince | Collector of Customs | | | | | | | | | |
| Charlottetown | Queen's | *H. W. Mutch* | | | | | | | | | |
| Crapaud | Prince | Collector of Customs | | | | | | | | | |
| Georgetown | King's | " | " | 11 | 7 | 7 60 | 28 | 19 | 19 70 | 39 | 26 | 27 30 |
| Malpeque | Prince | " | " | | | | | | | | |
| Montague Bridge | King's | " | " | | | | | | | | |
| Murray Harbour | Queen's | " | " | | | | | | | | |
| Pinette | " | " | " | | | | | | | | |
| Port Hill | Prince | " | " | | | | | | | | |
| St. Peter's Bay | King's | " | " | | | | | | | | |
| Souris | " | " | " | | | | | | | | |
| Summerside | " | *Jos. Reed* | | | | | | | | | |
| Tignish | Prince | Collector of Customs | | | | | | | | | |

STATEMENT showing returns respecting Shipping and Discharging Seamen, &c.—*Concluded.*

BRITISH COLUMBIA.

| Name of Port. | Name of County. | Name of Shipping Master. | For half-year ended June 30, 1902. | | | For half-year ended December 31, 1902. | | | Total Seamen Shipped. | Total Seamen Discharged. | Total Amount. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Seamen Shipped. | Seamen Discharged. | Amount. | Seamen Shipped. | Seamen Discharged. | Amount. | | | |
| | | | | | $ cts. | | | $ cts. | | | $ cts. |
| Ahouset | Clayoquot | *G. R. McDougall* | | | | | | | | | |
| Clayoquot | " | *John Grice* | | | | | | | | | |
| Hesquait | Vancouver | *A. J. Brabant* | | | | | | | | | |
| Kynquot | Nanaimo | *W. J. Feker* | 87 | 1 | 43 80 | | 34 | 10 20 | 87 | 35 | 54 00 |
| Masset Inlet | Queen Charl'te I'd. | *Charles Harrison* | | | | | | | | | |
| New Westminster | New Westminster. | Collector of Customs | | | | | | | | | |
| Ucluclet | Barclay Sound | *Geo. Fraser* | 55 | 6 | 29 30 | 14 | 26 | 14 80 | 69 | 32 | 44 10 |
| Vancouver | New Westminster. | *D. McPhaiden* | 603 | 700 | 627 50 | 640 | 649 | 618 50 | 1,243 | 1,349 | 1,246 00 |
| Victoria | Victoria | *H. G. Lewis* | 645 | 232 | 392 10 | 226 | 456 | 249 30 | 871 | 688 | 641 40 |

# APPENDIX No. 47.

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, during the year ended June 30, 1902.

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1901. | | | | | $ cts. |
| 3362 | July 2 | H. C. V. A. Cartwright | Master | Belleville, Ont | Kingston, Ont | 15 00 |
| 3363 | " 2 | E. F. Sinclair | " | Newcastle, N.B. | Newcastle, N.B. | 15 00 |
| 3364 | " 2 | Hugh Keeping | " | St. Johns, Nfld. | Sydney, C.B. | 15 00 |
| 3365 | " 2 | Eben K. Merriam | " | Port Greville, N.S. | Yarmouth, N.S. | 15 00 |
| 3366 | " 2 | John Stevenson | " | Selkirk, Man | Selkirk, Man. | 15 00 |
| 3367 | " 2 | Samuel Parsons | " | " | " | 15 00 |
| 3368 | " 2 | R. McDonald | " | Big Bras d'Or, N.S. | Sydney, N.S. | 15 00 |
| 3369 | " 2 | Lawrence Johnstone | " | Wabigoon, Ont | Wabigoon, Ont. | 15 00 |
| 3370 | " 9 | John P. Ramsey | " | Sault Ste. Marie, Ont. | St. Catharines, O | 15 00 |
| 3371 | " 9 | A. Bigednoe | Mate | Georgina, Ont | " | 6 00 |
| 3372 | " 9 | John S. Segers | Master | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 3373 | " 9 | Chas. E. Bowden | " | Atlin, B.C | " | 15 00 |
| 3374 | " 11 | John E. Fulton | " | Victoria, B.C. | " | 15 00 |
| 3375 | " 13 | Benj. F. Duvey | " | Gravenhurst, Ont | St. Catharines, O | 15 00 |
| 3376 | " 13 | Chas. Johnson | " | Arrowhead, B.C. | Victoria, B.C. | 15 00 |
| 3377 | " 13 | Geo. H. Stephens | " | Sydney, C.B., N.S. | Sydney, C.B. | 15 00 |
| 3378 | " 13 | Henry J. Matthews | " | Lakeport, Ont | St. Catharines, O | 15 00 |
| 3379 | " 13 | Louis Bouchot | " | Arichat, N.S. | Sydney, C.B. | 15 00 |
| 3380 | " 18 | A. Marchildon | Master's per. | Sturgeon Falls, Ont | Ottawa, Ont | 5 00 |
| 3381 | " 19 | Milton Pearce | Master | Parry Harbour, Ont. | St. Catharines, O | 15 00 |
| 3382 | " 19 | Rupert Wry | " | Sackville, N.B. | Yarmouth, N.S. | 15 00 |
| 3383 | " 19 | Louis Daigneault | " | Beauharnois, P.Q. | Kingston, Ont | 15 00 |
| 3384 | " 19 | George C. McKeen | " | New Westminster, B.C. | Vancouver, B.C. | 15 00 |
| 3385 | " 23 | James Sparks | " | Vancouver, B.C | " | 15 00 |
| 3386 | " 23 | Hiram F. Boisbin | Mate | Picton, Ont | Kingston, Ont | 6 00 |
| 3387 | " 23 | George R. Dulmage | " | " | " | 6 00 |
| 3388 | " 24 | A. H. Thornbum | Master | Gore Bay, Ont | Spanish River, O | 15 00 |
| 3389 | " 24 | Oscar Lalonde | " | Windsor, Ont | St. Catharines, O | 15 00 |
| 3390 | " 24 | Omer Mireault | Master's per. | Drydēn, Ont | Dryden, Ont | 5 00 |
| 3391 | " 24 | John Bedard | Mate | Gananoque, Ont | Kingston, Ont | 6 00 |
| 3392 | " 24 | Reuben Rorabeck | " | South Bay, Ont | " | 6 00 |
| 3393 | " 30 | E. J. Smith | Master | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 3394 | " 30 | John Hudgin | " | Solmesville, Ont | Kingston, Ont | 15 00 |
| 3395 | " 30 | James A. Herring | " | Pelee Island, Ont. | " | 15 00 |
| 3396 | " 30 | Nap. Mallette | " | Rigaud, P.Q | Ottawa, Ont | 15 00 |
| 3397 | " 30 | A. L. Carney | Mate | Sault Ste. Marie, Ont. | St. Catharines, O | 6 00 |
| 3398 | " 30 | Anthony Forsythe | Master | Vancouver, B.C | Vancouver, B.C. | 15 00 |
| 3399 | Aug. 1 | Maynard Fielden | " | Hantsport, N.S. | Yarmouth, N.S. | 15 00 |
| 3400 | " 6 | H. H. Carlsson | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3401 | " 6 | Wm. T. Windsor | " | Callender, Ont | St. Catharines, O | 15 00 |
| 3402 | " 6 | Frank Vickery | Mate | Yarmouth, N.S. | Yarmouth, N.S. | 6 00 |
| 3403 | " 6 | Chas. E. Millard | Master | Sarnia, Ont | St. Catharines, O | 15 00 |
| 3404 | " 6 | Joseph H. Smith | " | Belleville, Ont | Kingston, Ont | 15 00 |
| 3405 | " 9 | Joseph Villeux | " | Almaville, P.Q. | Quebec, P.Q | 15 00 |
| 3406 | " 9 | A. Bodiley | " | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 3407 | " 9 | Geo. Davy | Mate | Kingston, Ont | Kingston, Ont | 6 00 |
| 3408 | " 9 | F. X. Lafrance | Master | Beauharnois, P.Q. | " | 15 00 |
| 3409 | " 9 | Harry Leslie | " | Port Colborne, Ont. | St. Catharines, O | 15 00 |
| 3410 | " 9 | Chas. F. Winthers | Mate | Victoria, B.C. | Victoria, B.C. | 6 00 |
| 3411 | " 9 | Henry Redfearn | Master | Brighton, Ont. | St. Catharines, O | 15 00 |
| 3412 | " 9 | Alonzo Coburn | " | Summerville, N.S. | Yarmouth, N.S. | 15 00 |
| 3413 | " 9 | Amos Sabean | " | Port Medway, N.S | " | 15 00 |
| 3414 | " 19 | Louis A. Moore | " | North Sydney, N.S. | Sydney, N.S. | 15 00 |
| 3415 | " 27 | Roger Stchelin | Mate | Weymouth, N.S | Yarmouth, N.S. | 6 00 |
| 3416 | " 27 | Peter L. Calder | Master | Fort Francis, Ont. | Fort Francis, O. | 15 00 |
| 3417 | " 27 | John Hunt | " | Nepigon, Ont | Port Arthur, O. | 15 00 |
| 3418 | " 27 | Duncan Fraser | " | Fort Francis, Ont. | Fort Francis, O. | 15 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1901. | | | | | $ cts. |
| 3419 | Aug. 27 | R. Chamberlain | Master | Mount Pleasant, B.C. | Vancouver, B.C. | 15 00 |
| 3420 | " 27 | H. Dignault | Mate | Melocheville, P.Q. | Kingston, Ont. | 6 00 |
| 3421 | " 27 | Henry Gagnon | Master | Murray Bay, P.Q. | Quebec, P.Q. | 15 00 |
| 3422 | " 27 | Alex. Clark | " | Salmon Point, P.Q. | Kingston, Ont. | 6 00 |
| 3423 | " 27 | Samuel Forrest | " | Fort William, Ont | Port Arthur, O. | 15 00 |
| 3424 | " 27 | Angus Morrison | " | Port Arthur, Ont. | " | 15 00 |
| 3425 | " 27 | Wm. E. Gasner | " | Belle Isle, N.S. | Yarmouth, N.S. | 15 00 |
| 3426 | " 27 | Edgar E. Sanford | " | Summerville, N.S. | " | 15 00 |
| 3427 | " 27 | P. Villeneuve | " | Rat Portage, Ont. | Rat Portage, O. | 15 00 |
| 3428 | " 27 | J. Cournoyer | " | Sorel, Que | Quebec, Que. | 15 00 |
| 3429 | " 27 | F. B. Ely | " | Wiarton, Ont. | St. Catharines, O | 15 00 |
| 3430 | " 27 | Felix P. Graveline | " | Amherstburg, Ont. | " " | 15 00 |
| 3431 | " 27 | Pierre Millette | " | Sorel, Que | Quebec, Que. | 15 00 |
| 3432 | " 27 | Nathan A. Beach | Master's per | Rock Island, Que. | Ottawa, Ont. | 5 00 |
| 3433 | " 27 | George Poole | " " | Poole's Resort, Ont. | Kingston, Ont. | 5 00 |
| 3434 | " 27 | John S. Rafuse | " | Conquerall, N.S. | Lunenburg, N.S. | 15 00 |
| 3435 | Sept. 17 | Thos. R. Hull | " per | Clarina, Ont. | Ottawa, Ont. | 5 00 |
| 3436 | " 17 | John D. Watson | " | New Westminster, B.C. | N. Westminster. | 15 00 |
| 3437 | " 17 | M. McDonald | " | Goderich, Ont | Kingston, Ont. | 15 00 |
| 3438 | " 17 | Pitre Tremblay | " | Malbaie, Que | Quebec, Que. | 15 00 |
| 3439 | " 17 | Douglas Clark | " | Como, Que. | Ottawa, Ont. | 15 00 |
| 3440 | " 17 | Alderick Latour | Mate | St. Ignace, Que. | Quebec, Que | 6 00 |
| 3441 | " 17 | Howard S. Arenbury | " | Petite Rivière, N.S. | Halifax, N.S. | 6 00 |
| 3442 | " 17 | Wilson Smith | Master | New Carlisle, Que. | " " | 15 00 |
| 3443 | " 23 | James E. Smith | " | Kingston, Ont | Ottawa, Ont. | 15 00 |
| 3444 | " 23 | Richard Cluston | " | Derby, N.B. | New Castle, N.B | 15 00 |
| 3445 | " 24 | Robt D. Reynolds | " | Annapolis, N.S. | Yarmouth, N.S. | 15 00 |
| 3446 | " 27 | S. Shipman | " | Richard's Landing Ont. | St. Catharines, O | 15 00 |
| 3447 | " 27 | Peter Campbell | " | Gravenhurst, Ont | " " | 15 00 |
| 3448 | " 27 | John F. Williams | " | Beach Point, P.E.I. | Yarmouth, N.S. | 15 00 |
| 3449 | Oct. 2 | Robert J. Armstrong | Mate | Victoria, B.C. | Victoria, B.C. | 6 00 |
| 3450 | " 2 | W. McFarland | " | Nelson, B.C. | " " | 6 00 |
| 3451 | " 2 | J. E. Bodwell | " | Yarmouth, N.S. | Yarmouth, N.S. | 6 00 |
| 3452 | " 2 | Melvin Hagan | Master | Rockport, N.B. | " " | 15 00 |
| 3453 | " 2 | David Caddell | " | New Westminster, B.C. | N. Westminster. | 15 00 |
| | 1902. | | | | | |
| 3454 | Mar. 21 | Arch'd Fomestall | Mate | Mulgrave, N. S. | Sydney, N.S | 6 00 |
| | 1901. | | | | | |
| 3455 | Oct. 4 | Peter Haines | " | Cornwall, Ont | Ottawa, Ont. | 6 00 |
| 3456 | " 4 | Wm. M. F. McGregor | Master | Windsor, Ont. | St. Catharines, O | 15 00 |
| 3457 | " 4 | Chas. L. D. Sims | " | Little Current, Ont. | " " | 15 00 |
| 3458 | " 4 | W. H. Peacock | " | Port Hope, Ont. | " " | 15 00 |
| 3459 | " 4 | John C. Brown | " | St. John, N.B | Yarmouth, N.S. | 15 00 |
| 3460 | " 7 | F. E. Hall | Mate | L'Orignal, Ont. | Kingston, Ont. | 6 00 |
| 3461 | " 7 | George T. Dobson | Master | Southampton, Ont. | " " | 15 00 |
| 3462 | " 7 | G. F. Holmes | " | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 3463 | " 7 | Ang. Haycock | " | Westport, N.S. | Yarmouth, N.S. | 15 00 |
| 3464 | " 9 | Sydney Smith | " | Little Current, Ont. | St. Catharines, O | 15 00 |
| 3465 | " 9 | Vincent T. Comeau | " | Meteghan, N.S | Yarmouth, N.S. | 15 00 |
| 3466 | " 9 | John Hastie | " | Sheguindah, Algoma, O. | St. Catharines, O | 15 00 |
| 3467 | " 9 | James Dustan | Mate | Toronto, Ont. | " " | 6 00 |
| 3468 | " 10 | Geo. E. Finley | Master | St. John, N.B | Yarmouth, N.S. | 15 00 |
| 3469 | " 10 | Wm. John Wilson | " per | Isherwood, Ont. | Fort Frances, O. | 5 00 |
| 3470 | " 10 | N. Simoneau | " " | Kiskisink, Que. | Quebec, Que. | 5 00 |
| 3471 | " 24 | Frank Peterson | " | Rat Portage, Ont. | Rat Portage, Ont | 15 00 |
| 3472 | " 24 | A. M. Fraser | " | New Westminster, B.C. | N. Westminster. | 15 00 |
| 3473 | " 24 | F. W. Foreshew | " | Little Current, Ont. | St. Catharines, O | 15 00 |
| 3474 | " 24 | R. Keating | " | Port Mulgrave, N.S. | Sydney, N.S. | 15 00 |
| 3475 | " 24 | A. Baillargeon | " | Windsor, Ont. | St. Catharines, O | 15 00 |
| 3476 | " 24 | T. J. Stockwell | " | Leamington, Ont. | Kingston, Ont. | 15 00 |
| 3477 | " 24 | Carl A. Karlson | Mate | Toronto, Ont. | " " | 6 00 |
| 3478 | " 29 | R. N. Sanders | " | Goderich, Ont | St. Catharines, O | 6 00 |
| 3479 | " 29 | Roy W. Troop | Master | Arrowhead, B.C. | Victoria, B.C. | 15 00 |
| 3480 | " 29 | F. T. Roberts | Mate | Victoria, B.C. | " " | 6 00 |

ST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Certificate | Date of Certificate | Name. | Grade. | Address. | Where Examination passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1901. | | | | | $ cts. |
| 1 | Oct. 29.. | John A. O'Brien | Master | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 2 | " 29.. | John Manns | Mate | Nelson, B.C | Victoria, B.C. | 6 00 |
| 3 | " 29.. | Chas. Toupin | " | Hamilton, Ont | St. Catharines, O | 6 00 |
| 4 | " 29.. | R. S. Misener | Master | Sarnia, Ont | " " | 15 00 |
| 5 | Nov. 4.. | Arthur P. McKeil | " | St. John, N.B | St. John, N.B. | 15 00 |
| 6 | " 4.. | Geo. E. Keyes | Mate | Wolfe Island | Kingston, Ont. | 6 00 |
| 7 | " 4.. | W. E. Johnson | Master | Middleton, N.S | Yarmouth, N.S. | 15 00 |
| 8 | " 4.. | Geo. H. McKenzie | " | Little Current, Ont | St. Catharines, O | 15 00 |
| 9 | " 4.. | Alden H. Peck | " | Hopewell, Albert Co., N.B | Yarmouth, N.S. | 15 00 |
| 10 | " 4.. | L. A. Roonkey | " | Lower LaHave, N.S | Lunenburg, N.S. | 15 00 |
| 11 | " 4.. | Percy T. Roberts | " | Beaver Mills, Ont | Rat Portage, Ont | 15 00 |
| 12 | " 7.. | Frank Barkhouse | " | Kingsport, N.S | Yarmouth, N.S. | 15 00 |
| 13 | " 7.. | J. Lacouture | Mate | St. Ours, Que | Quebec, Que | 6 00 |
| 14 | Nov. 7.. | L. H. Lapierre | Master | Levis, P.Q | Quebec, P.Q | 15 00 |
| 15 | " 7.. | G. Macumber | " | Cheverie, N.S | Yarmouth, N.S. | 15 00 |
| 16 | " 7.. | E. C. Tripp | " | Mine Center, Ont | Mine Center, O. | 5 00 |
| 17 | " 7.. | Frank J. Hill | Mate | Collingwood, Ont. | St. Catharines, O | 6 00 |
| 18 | " 7.. | W. A. Inness | Master | Liverpool, N.S | Yarmouth, N.S. | 15 00 |
| 19 | " 14.. | Saml. James Newman | " | Kingston, Ont | Kingston, Ont. | 15 00 |
| 20 | " 14.. | James S. Bonar | " | Cornwall, Ont | " | 15 00 |
| 21 | " 20.. | George Roberts | Mate | Victoria, B.C | Victoria, B.C. | 6 00 |
| 22 | " 21.. | W. J. McDonald | Master | Pilot Bay, B.C | " | 15 00 |
| 23 | " 22.. | Geo. T. Annett | " | Peninsula, Gaspe, P.Q | Quebec, P.Q | 15 00 |
| 24 | " 27.. | Asher Knowlton | Mate | Parrsboro, N.S | Yarmouth, N.S. | 6 00 |
| 25 | Dec. 6.. | D. M. McDonald | Master | Big Bras d'Or, N.S | Sydney, N.S. | 15 00 |
| 26 | " 6.. | James T. O'Neil | " | Port Medway, N.S | Yarmouth, N.S. | 15 00 |
| 27 | " 7.. | S. R. Seifert | Mate | Barbadoes, W.I | " | 16 00 |
| 28 | " 7.. | M. Barsette | Master | Windsor, Ont | St. Catharines, O | 15 00 |
| 29 | " 9.. | Geo. Lawrence | " | Wiarton, Ont | " | 15 00 |
| 30 | " 16.. | Danl. Martin | " | Nanaimo, B.C | Victoria, B.C. | 15 00 |
| 31 | " 16.. | John Larimore | Mate | Nakusp, B.C | " | 6 00 |
| 32 | " 17.. | J. McDonald | Master | Gabarouse, N.S | Sydney, N.S. | 15 00 |
| 33 | " 17.. | A. Lafleche | " | St. Jean d'Iberville, P.Q | Quebec, P.Q. | 15 00 |
| 34 | " 17.. | W. W. Cabot | Mate | Grand River, P.Q. | " | 6 00 |
| 35 | " 17.. | Archie McKinnon | " | Owen Sound, Ont | St. Catharines, O | 6 00 |
| 36 | " 26.. | W. Calder | " | Vancouver, B.C. | Vancouver, B.C. | 6 00 |
| 37 | " 26.. | T. F. Bellmore | Master | North Sydney, N.S. | Sydney, N.S. | 15 00 |
| 38 | " 26.. | M. Palmateur | Mate | Pictou, Ont | Kingston, Ont. | 6 00 |
| 39 | " 26.. | Aurele Chabot | " | St. Michael de Bellechasse, P.Q. | Quebec, P.Q. | 6 00 |
| 40 | " 26.. | John Lauder | " | Deer Park, Ont | Kingston, Ont. | 6 00 |
| 41 | " 26.. | Danl. L. Rafuse | Master | Bridgewater, N.S. | Yarmouth, N.S. | 15 00 |
| 42 | Jan. 3.. | Simon A. Wilband | " | Vancouver, B.C | Vancouver, B.C. | 15 00 |
| 43 | " 9.. | Joshua Whittle | " | Charlottetown, P.E.I. | Sydney, C.B. | 15 00 |
| 44 | " 10.. | Percival Nye | Mate | Vancouver, B.C | Vancouver, B.C. | 6 00 |
| 45 | " 10.. | Wm. Hunter | Master | Sarnia, Ont | St. Catharines, O | 15 00 |
| 46 | " 11.. | John A. McIntosh | " | French River, Ont | " | 15 00 |
| 47 | " 11.. | R. X. Giroux | " | Sarnia, Ont | St. Catharines, O | 15 00 |
| 48 | " 21.. | L. E. Donnelly | " | Kingston, Ont | Kingston, Ont. | 15 00 |
| 49 | " 21.. | M. Matheson | " | New Westminster, B.C. | N. Westminster. | 15 00 |
| 50 | " 21.. | George Gray | " | Vancouver, B.C | Victoria, B.C. | 15 00 |
| 51 | " 21.. | James T. Aikman | " | Montreal, P.Q | Kingston, Ont. | 15 00 |
| 52 | " 22.. | —— Anderson | " | Victoria, B.C | Victoria, B.C. | 15 00 |
| 53 | " 23.. | John Richardson | Mate | Victoria, B.C. | " | 6 00 |
| 54 | " 23.. | R. P. Roberts | Master | Chemainas, B.C. | " | 15 00 |
| 55 | " 29.. | S. J. Carson | Mate | Collingwood, Ont | St. Catharines, O | 6 00 |
| 56 | " 29.. | A. M. Fisher | Master | Louisburg, N.S. | Sydney, N.S. | 15 00 |
| 57 | " 29.. | Z. E. Porter | Mate | The Wedge, N.S | Yarmouth, N.S. | 6 00 |
| 58 | " 29.. | Chas. F. Baker | " | Nattawa, Ont | St. Catharines, O | 6 00 |
| 59 | " 29.. | F. H. Reid | Master | Fort Langley, B.C | Vancouver, B.C. | 15 00 |
| 60 | " 29.. | James Bartlett | " | Vancouver, B.C | " | 15 00 |
| 61 | Feb. 3.. | H. F. Spinney | Mate | Yarmouth, N.S | Yarmouth, N.S. | 6 00 |
| 62 | " 3.. | John Barbarie | Master | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 63 | " 4.. | M. McL. Holby | " | Indiantown, St. John, N.B | Fredericton, N.B | 15 00 |
| 64 | " 4.. | W. A. Lavigne | Mate | Midland, Ont | St. Catharines, O | 6 00 |
| 65 | " 11.. | James Woolner | " | Collingwood, Ont. | " | 6 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1902. | | | | | $ cts. |
| 3546 | Feb. 11 | L. R. Firth | Mate | Jordan Ferry, N.S | Yarmouth, N.S | 6 00 |
| 3547 | " 11 | Robt. Fenton | Master | New Westminister, B.C | N. Westminster | 15 00 |
| 3548 | " 11 | Michael Martin | Mate | Vancouver, B.C | Vancouver, B.C | 6 00 |
| 3549 | " 14 | Geo. H. Perry | Master | St. John, N.B | Yarmouth, N.S | 15 00 |
| 3550 | " 14 | Edmund Hicks | Mate | Vancouver, B.C | Vancouver, B.C | 6 00 |
| 3551 | " 14 | Chas. A. Strong | Master | Port Elgin, Ont | St. Catharines, O | 15 00 |
| 3552 | " 14 | Eugene McMullen | Mate | New Westminister, B.C | Vancouver, B.C | 6 00 |
| 3553 | " 14 | H. A. Young | " | Vancouver, B.C | " | 6 00 |
| 3554 | " 14 | Robt. Nicoll | Master | Collingwood, Ont | St. Catharines, O | 15 00 |
| 3555 | " 14 | M. F. Griffith | Mate | Gore Bay, Manitoulin, Ont | Spanish River, O | 6 00 |
| 3556 | " 14 | John A. McDonald | " | Kaslo, B.C | Nelson, B.C | 6 00 |
| 3557 | " 14 | Wm. H. Houghton | " | Slocan City, B.C | " | 6 00 |
| 3558 | " 14 | Wm. Anderson | " | Kaslo, B.C | " | 6 00 |
| 3559 | " 14 | A. J. Harris | " | Vancouver, B.C | Vancouver, B.C | 6 00 |
| 3560 | " 14 | Robt. K. Turner | " | Victoria, B.C | Victoria, B.C | 6 00 |
| 3561 | " 14 | S. Carson | Master | Collingwood, Ont | St. Catharines, O | 15 00 |
| 3562 | Mar. 1 | E. Hollingshead | Mate | " | " | 6 00 |
| 3563 | " 1 | Geo. A. Patton | " | " | " | 6 00 |
| 3564 | " 1 | M. Parks | Master | Getson's Point, N.S | Lunenburg, N.S. | 15 00 |
| 3565 | " 1 | John McLeod | Mate | Slocan, B.C | Nelson, B.C | 6 00 |
| 3566 | " 1 | St. C. Geldert | Master | Lunenburg, N.S | Lunenburg, N.S | 15 00 |
| 3567 | " 1 | F. C. Strafford | " | Victoria, B.C | Victoria, B.C | 15 00 |
| 3568 | " 1 | Dosite Doucette | " | Mavilette, Digby, N.S | Yarmouth, N.S | 15 00 |
| 3569 | " 1 | C. E. Cummings | " | Kingston, Ont | Kingston, Ont | 15 00 |
| 3570 | " 1 | A. Gilchrist | Mate | Owen Sound, Ont | St. Catharines, O | 6 00 |
| 3571 | " 1 | A. A. King | Master | Chatham, N.B | Sydney, N.S | 15 00 |
| 3572 | " 1 | Robert Parsons | " | Bracebridge, Ont | St. Catharines, O | 15 00 |
| 3573 | " 1 | John J. Fitzgerald | " | Georgetown, P.E.I | Sydney, N.S | 15 00 |
| 3574 | " 1 | Robert Donaldson | Mate | Victoria, B.C | Victoria, B.C | 6 00 |
| 3575 | " 1 | James Hirtle | Master | Lunenburg, N.S | Lunenburg, N.S. | 15 00 |
| 3576 | " 1 | W. T. Eastman | " | North Sydney, N.S | Sydney, N.S | 15 00 |
| 3577 | " 1 | M. H. Grose | Mate | Bruce Mines, Ont | St Catharines, O | 6 00 |
| 3578 | " 4 | L. Mongeon | Master | Buckingham, P.Q | Ottawa, Ont | 15 00 |
| 3579 | " 7 | John McD. Millar | Mate | Vancouver, B.C | Vancouver, B.C | 6 00 |
| 3580 | " 11 | Edgar Pelletier | " | L'Islet, Que | Quebec, Que | 6 00 |
| 3581 | " 17 | M. G. Mosher | Master | Lot Forty, P.E.I | Sydney, N.S | 15 00 |
| 3582 | " 17 | W. H. Daggitt | Mate | Collingwood, Ont | St. Catharines, O | 6 00 |
| 3583 | " 17 | John F. Williams | Master | Carter's Point, N.B | St. John, N.B | 15 00 |
| 3584 | " 17 | Bryan Sweeney | Mate | Yarmouth, N.S | Yarmouth, N.S | 6 00 |
| 3585 | " 17 | Chas. W. Baird | Master | Windsor, N.S | " | 15 00 |
| 3586 | " 17 | Daniel A. Rucker | " | St. John, N.B | St. John, N.B | 15 00 |
| 3587 | " 17 | John Day | " | Liverpool, N.S | Yarmouth, N.S | 15 00 |
| 3588 | " 17 | Saml. Beecher | " | Penetanguishene, Ont | St. Catharines, O | 15 00 |
| 3589 | " 17 | Murdock McLeod | " | Selkirk, Man | Rat Portage, O. | 15 00 |
| 3590 | " 17 | Geo. A. LaRush | " | Little Current, Ont | St. Catharines, O | 15 00 |
| 3591 | " 17 | Embert Zwicker | Mate | Summerville, N.S | Halifax, N.S | 6 00 |
| 3592 | " 17 | Jeremiah C. Shaw | " | Victoria, B.C | Victoria, B.C | 6 00 |
| 3593 | " 17 | James E. George | Master | Parrsboro, N.S | St. John, N.B | 15 00 |
| 3594 | " 17 | John B. Mercier | " | Bienville, Levis, Que | Quebec, Que | 15 00 |
| 3595 | " 17 | Roderick McLeod | " | Westbourne, Man | Rat Portage, Ont | 15 00 |
| 3596 | " 17 | Robt. Gray | Mate | Barriefield, Ont | Kingston, Ont | 6 00 |
| 3597 | " 17 | H. V. Butler | Master | St. John, N.B | St. John, N.B | 15 00 |
| 3598 | " 19 | Nap. Gagnon | Mate | Bienville, Que | Quebec, Que | |
| 3599 | " 19 | Wm. Thos. King | Master | North Sydney, N.S | Sydney, N.S | 15 00 |
| 3600 | " 19 | Daniel Campbell | " | Big Bras d'Or, N.S | " | 15 00 |
| 3601 | " 19 | Anker de Nully | Mate | Lunenburg, N.S | Lunenburg, N.S | 8 00 |
| 3602 | " 19 | Stannage Creaser | Master | Lower La Have | " | 15 00 |
| 3603 | " 19 | Arthur W. Hickey | Mate | North Sydney, N.S | Sydney, N.S | 16 00 |
| 3604 | " 19 | Joseph P. Brophy | " | Mulgrave, N.S | " | 6 00 |
| 3605 | " 21 | John Cartier | Master | Aylmer, Que | Ottawa, Ont | 15 00 |
| 3606 | " 21 | Archie McIntyre | " | Presque'Isle, Ont | Kingston, Ont | 15 00 |
| 3607 | " 21 | Abram G. Smith | Mate | Quyon, Que | Ottawa, Ont | 6 00 |
| 3608 | April 1 | John S. Smith | Master | Lower La Have, N.S | Lunenburg, N.S. | 15 00 |
| 3609 | " 1 | Victorian Belanger | Mate | Lotbinire, Que | Quebec, Que | 6 00 |
| 3610 | " 1 | Thos. Geo. Garcin | Master | Charlottetown, P.E.I | Sydney, N.S | 15 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1902. | | | | | $ cts. |
| 3611 | April 1 | John Stevens | Master | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3612 | " 1 | Thos. Frenette | " | Portneuf, Que | Quebec, Que | 15 00 |
| 3613 | " 1 | Wm. Mackin | " | Penetanguishene, Ont | St. Catharines, O | 15 00 |
| 3614 | " 1 | Frank Bensette | " | Windsor, Ont | " | 15 00 |
| 3615 | " 1 | Chas. E. Butcher | " | Bathurst, N.B | St. John, N.B | 15 00 |
| 3616 | " 9 | W. J. McKay | Mate | Owen Sound, Ont | Kingston, Ont | 6 00 |
| 3617 | " 9 | Ole Hansen | Master | Parry Sound, Ont | St. Catharines, O | 15 00 |
| 3618 | " 9 | Oliver Belliveau | " | Belliveau's Cove, N.S | Yarmouth, N.S | 15 00 |
| 3619 | " 9 | C. W. Brisbin | Mate | Deseronto, Ont | Kingston, Ont | 6 00 |
| 3620 | " 9 | D. C. McLachlan | " | Parkhill, Ont | St. Catharines, O | 6 00 |
| 3621 | " 14 | E. W. Hickey | Master | North Sydney, C.B. | Sydney, N.S | 15 00 |
| 3622 | " 14 | James Ivany | Mate | Vancouver, B.C. | Vancouver, B.C. | 6 00 |
| 3623 | " 14 | J. E. Brossard | " | Longueuil, Que | Ottawa, Ont | 6 00 |
| 3624 | " 14 | Charles Cook | " | Victoria, B.C | Vancouver, B.C. | 6 00 |
| 3625 | " 14 | E. Levesque | Master | Chicoutimi, Que | Quebec, Que | 15 00 |
| 3626 | " 16 | John McDowell | Mate | Vancouver, B.C. | Vancouver, B.C. | |
| 3627 | " 16 | F. K. Harvey | Master | Summerville, N.S. | Yarmouth, N.S. | 15 00 |
| 3628 | " 19 | R. Stehelin | " | Weymouth, N.S | " | 15 00 |
| 3629 | " 22 | Simon Smith | " | Ritcey's Cove, N.S | Lunenburg, N.S | 15 00 |
| 3630 | " 16 | J. Bolodeau | " | Berthier en bas, P.Q | Quebec, P.Q | 15 00 |
| 3631 | " 17 | Hector Bherer | Mate | Malbaie, P.Q. | " | 6 00 |
| 3632 | " 17 | L. H. Chaperon | Master | Murray Bay, P.Q. | " | 15 00 |
| 3633 | " 17 | A. C. Good | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3634 | " 17 | D. Patterson | Mate | New Westminster, B.C. | Victoria, B.C | 6 00 |
| 3635 | " 17 | J. Welsh | " | Victoria, B C | " | 6 00 |
| 3636 | " 19 | H. Cadeaux | Master | Rigaud, P.Q | Ottawa, Ont | 15 00 |
| 3637 | " 19 | J. De Villers | " | Lotbinière, P.Q | Quebec, P.Q | 15 00 |
| 3638 | " 19 | W. C. Gidley | " | Penetanguishene, Ont | St. Catharines, O | 15 00 |
| 3639 | " 19 | Wm. Davis | " | Charlottetown, P.E.I. | Sydney, N.S | 15 00 |
| 3640 | " 19 | J. R. Carr | " | Sarnia, Ont | St. Catharines, O | 15 00 |
| 3641 | " 19 | Henry Anderson | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3642 | " 22 | O. J. Dix | Mate | Kingston, Ont | Kingston, Ont | 6 00 |
| 3643 | " 22 | A. L. Lizard | Master | Penetanguishene, Ont | St. Catharines, O | 15 00 |
| 3644 | " 23 | Jos. Campeau | Mate | Garden Island, Ont. | Kingston, Ont | 6 00 |
| 3645 | " 23 | John Linloff | Master | Halifax, N.S. | Halifax, N.S. | 15 00 |
| 3646 | " 23 | Lawrence King | " | Thesselon, Ont. | St. Catharines, O | 15 00 |
| 3647 | " 23 | Wm. Brian | Mate | Garden Island, Ont. | Kingston, Ont | 6 00 |
| 3648 | " 23 | T. Blundell | Master | Dalhousie, N.B | Dalhousie, N.B | 15 00 |
| 3649 | " 23 | M. McIver | " | Vancouver, B.C. | N. Westminster. | 15 00 |
| 3650 | " 23 | Walter Kerr | " | Sydney, C.B. | Sydney, N.S | 15 00 |
| 3651 | " 23 | Wm. Cook | " | Ritcey's Cove, N.S | Lunenburg, N.S. | 15 00 |
| 3652 | " 23 | R. R. Rutherford | " | Wiarton, Ont | St. Catharines, O | 15 00 |
| 3653 | " 23 | Robt. P. Green | " | Manitoulin Island, Ont. | Spanish River, O | 15 00 |
| 3654 | " 29 | Wm. Avery | " | Chatham, N.B | Chatham, N.B | 15 00 |
| 3655 | " 29 | Marin O. Porter | " | Tusket Wedge, N.S. | Yarmouth, N.S. | 15 00 |
| 3656 | " 30 | John Egan, jr | " | Killarney, Ont | St. Catharines, O | 15 00 |
| 3657 | " 30 | John Stickland | " | North Sydney, N.S. | Sydney, N.S | 15 00 |
| 3658 | " 30 | B. M. Jorgensen | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3659 | May 1 | D. P. Lewis | " | Freeport, N.S. | Yarmouth, N.S | 15 00 |
| 3660 | " 1 | Thos. Cunningworth | Mate | Toronto, Ont. | St. Catharines, O | 6 00 |
| 3661 | " 1 | Walter Fowler | Master | Port Carling, Ont. | " | 15 00 |
| 3662 | " 1 | W. C. LeBlanc | " | Arichat, N.S. | Sydney, N.S | 15 00 |
| 3663 | " 1 | E. L. Sullivan | " | Dawson, Y.T. | Victoria, B.C | 15 00 |
| 3664 | " 2 | C. Deneau | " | St Thomas de Bienv'le, P.Q | Sorel, P.Q | 15 00 |
| 3665 | " 5 | F. Lawrence | Mate | Kingston, Ont | Kingston, Ont | 6 00 |
| 3666 | " 5 | C. Duffy | Master | St. Mary's, N.B | Fredericton, N.B | 15 00 |
| 3667 | " 6 | D. MacKenzie | " | Victoria, B.C | Victoria, B.C | 15 00 |
| 3668 | " 14 | Pierre Chevrier | " | St. Joseph de Sorel, P.Q. | Quebec, P.Q | 15 00 |
| 3669 | " 14 | H. N. Trueman | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3670 | " 14 | J. D. McLean | " | The Range, Queen's, N.B | Fredericton, N.B | 15 00 |
| 3671 | " 14 | James Johnson | " | Annapolis, N.S. | Yarmouth, N.S | 15 00 |
| 3672 | " 14 | J. S. Arnold | Mate | Dartmouth, N. S. | Halifax, N.S. | 8 00 |
| 3673 | " 14 | A. L. Morrison | Master | Rat Portage, Ont. | Rat Portage, O. | 15 00 |
| 3674 | " 14 | P. Hicks | " | Ottawa, Ont | Ottawa, Ont | 15 00 |
| 3675 | " 16 | S. Rafu-e | " | LaHave, N.S | Yarmouth, N.S. | 15 00 |
| 3676 | " 16 | B. McMillan | " | Isaac's Harbour, N.S. | Halifax, N.S. | 15 00 |

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Concluded.*

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1902. | | | | | $ c. |
| 3677 | May 16 | S. McCaig | Mate | Toronto, Ont | St. Catharines, O | 6 00 |
| 3678 | " 16 | W. J. Monkhouse | " | Providence Bay, Ont | Spanish River, O | 15 00 |
| 3679 | " 19 | J. A. Gardner | " | New Westminster, B.C. | Victoria, B.C. | 6 00 |
| 3680 | " 19 | Stanley Fraser | Master | Victoria, B.C. | " | 15 00 |
| 3681 | " 21 | N. Chevrier | " | Montreal, Que | Ottawa, Ont | 15 00 |
| 3682 | " 21 | J. Seguin | " | Hudson Heights, Que. | " | 15 00 |
| 3683 | " 21 | Pierre Aussant | " | St. Joseph de Sorel, Que. | " | 15 00 |
| 3684 | " 19 | J. F. Kinley | " | Lunenburg, N.S. | Lunenburg, N.S. | 15 00 |
| 3685 | " 19 | John McDonald | " | Mulgrave, N.S. | Sydney, N.S. | 15 00 |
| 3686 | " 19 | B. A Bongard | Mate | Picton, Ont | Kingston, Ont. | 6 00 |
| 3687 | " 19 | George Cross | " | Hamilton, Ont | St. Catharines, O | 6 00 |
| 3688 | " 19 | W. G. Smith | Master | Little Current, Ont. | " | 15 00 |
| 3689 | " 23 | C. B. Kirk | " | Norwood, Ont | Kingston, Ont. | 15 00 |
| 3690 | " 23 | Gordon Ayre | Mate | Brockville, Ont. | " | 6 00 |
| 3691 | " 23 | G. L. Barry | Master | Advocate Harbour, N.S. | Yarmouth, N.S. | 15 00 |
| 3692 | " 26 | H. Robertson | Mate | Sydney Forks, N.S. | Sydney, N.S. | 6 00 |
| 3693 | " 26 | Spurgeon Amos | " | Lower Derby, N.B. | St. John, N.B. | 6 00 |
| 3694 | " 26 | C. S. Boucher | Master | Chatham, N.B | " | 15 00 |
| 3695 | " 26 | R. G. Evans | " | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 3696 | " 27 | Eber Sarty | " | Pleasantville, N.S. | Yarmouth, N.S. | 15 00 |
| 3697 | " 27 | Wm. Snow | " | Digby, N.S | " | 15 00 |
| 3698 | " 29 | A. W. Pierson | Mate | Toronto, Ont | Kingston, Ont. | 6 00 |
| 3699 | " 30 | J. A. Bouchard | Master | St. Rochs, Que | Quebec, Que. | 15 00 |
| 3700 | " 31 | J. D. Hill | " | Midland, Ont. | St. Catharines, O | 15 00 |
| 3701 | " 31 | A. Lemieux | " | St. Thomas, Que | Quebec, Que | 15 00 |
| 3702 | June 3 | John Courson | " | Hamilton, Ont | Kingston, Ont. | 15 00 |
| 3703 | " 3 | A. Cornwall | Mate | Lunenburg, N.S. | Lunenburg, N.S. | 6 00 |
| 3704 | " 3 | J. Cavanagh | Master | Port Dalhousie, Ont. | St. Catharines, O | 15 00 |
| 3705 | " 3 | Chas. S. Mickle | " | Gravenhurst, Ont | " | 15 00 |
| 3706 | " 3 | J. H. Webb | Mate | Liscomb, N.S. | Quebec, Que | 6 00 |
| 3707 | " 4 | Edward Delaney | Master | Quebec, Que. | " | 15 00 |
| 3708 | " 7 | Anton A. Klaveness | Mate | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3709 | " 13 | Smith G. Penney | Master | Cape Sable Island, N.S. | Yarmouth, N.S. | 15 00 |
| 3710 | " 13 | Robt. Hall | " | Winnipeg, Man | Winnipeg, Man. | 15 00 |
| 3711 | " 13 | Frederick Thulin | " | Lund, B.C. | Vancouver, B.C. | 15 00 |
| 3712 | " 13 | W. K. Ross | " | Upper Port La Tour, N.S | Yarmouth, N.S. | 15 00 |
| 3713 | " 13 | M. Allison | " | Dog Hill, Que | Quebec, Que. | 15 00 |
| 3714 | " 13 | F. L. Harvie | " | Kempt Shore, N.S | Yarmouth, N.S. | 15 00 |
| 3715 | " 13 | A. H. Alsson | " | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 3716 | " 13 | Chas. Price | Mate | Port Simpson, B.C | " | 6 00 |
| 3717 | " 13 | C. J. Thompson | Master | Chatham, N.B | New Castle, N.B | 15 00 |
| 3718 | " 14 | H. H. Murray | " | North Sydney, C.B. | Sydney, C.B. | 15 00 |
| 3719 | " 14 | John T. Curtis | " | " | " | 15 00 |
| 3720 | " 17 | A. Marchildon | " permit | Sturgeon Falls, Ont | Ottawa, Ont. | 5 00 |
| 3721 | " 17 | W. Cook | " " | Grenville, Que | " | 5 00 |
| 3722 | " 17 | J. Hurley | " | Kingston, Ont. | Kingston, Ont. | 15 00 |
| 3723 | " 17 | John A. Roys | " | " | " | 15 00 |
| 3724 | " 17 | A. S. Allen | Mate | Kelley's Cove, N.S. | Yarmouth, N.S. | 6 00 |
| 3725 | " 17 | G. H. Eldridge | " | Yarmouth, N.S. | " | 6 00 |
| 3726 | " 19 | G. D. Murphy | Master | Sunbury Co., N.B. | Fredericton, N.B | 15 00 |
| 3727 | " 19 | D. Dovey | " | Lindsay, Ont. | Kingston, Ont. | 15 00 |
| 3728 | " 23 | P. J. Bibby | Mate | Gravenhurst, Ont. | St. Catharines, O | 6 00 |
| 3729 | " 23 | John Fleming | Master | Mortimer's Point, Ont. | " | 15 00 |
| 3730 | " 23 | Ernest Wills | " | Halifax, N.S. | Sydney, C.B. | 15 00 |
| 3731 | " 23 | Caleb Hare | " | North Sydney, C.B. | " | 15 00 |
| 3732 | " 27 | Omer Mireault | " permit | Dryden, Ont | Dryden, Ont. | 5 00 |
| 3733 | " 27 | J. H. Gunter | Master | Upper Jemseg, N.B. | Fredericton, N.B | 15 00 |
| 3734 | " 27 | F. W. Court | " | Richard's Landing, Ont. | St. Catharines, O | 15 00 |

LIST of Certificates of Competency granted to Masters and Mates of FOREIGN SEA-GOING VESSELS during the year ended June 30, 1902.

| Number of Certificate. | Date of Certificate | Name. | Grade. | Address. | Where Examination was passed. | Fee. |
|---|---|---|---|---|---|---|
| | 1901. | | | | | $ cts. |
| 3432 | Aug. 9 | Robt. Walter Shears | Master | Victoria, B.C. | Victoria, B.C. | 15 00 |
| 3433 | " 27 | George E. Murray | Mate | Cardiff, Wales | " | 8 00 |
| 3434 | Sept. 17 | Edmund McCarthy | " | Halifax, N.S. | Halifax, N.S. | 8 00 |
| 3435 | " 17 | A. Richardson | " | Quebec, Que | " | 8 00 |
| 3436 | " 17 | C. M. Gladwin | 2nd Mate | Mid. Musquodoboit, N.S. | " | 8 00 |
| 3437 | " 17 | Wilson Smith | " | New Carlisle, Que. | " | 8 00 |
| 3438 | " 17 | J. Williamson | " | Whiteness, Shetland | " | 8 00 |
| 3439 | " 27 | R. V. Bennett | Master | Hopewell Cape, N.B | St. John, N.B. | 15 00 |
| 3440 | Oct. 2 | Thos. F. Morrison | " | Londonderry, N.S. | Yarmouth, N.S. | 15 00 |
| 3441 | " 2 | Angus J. MacDonald | " | Pinnette, P.E.I | St. John, N.B. | 15 00 |
| 3442 | " 2 | Chas. B. Fenton | " | Auckland, N.Z. | " | 15 00 |
| 3443 | " 9 | Henry D. Hooley | " | Vancouver, B.C. | Vancouver, B.C. | 15 00 |
| 3444 | " 9 | Wm. Gray | 2nd Mate | Carnforth, Eng. | Victoria, B.C. | 8 00 |
| 3445 | " 31 | Laurence Smith | " | South Shields | Yarmouth, N.S. | 8 00 |
| 3446 | Nov. 7 | L. M. Hatfield | " | Arcadia, N.S. | " | 8 00 |
| 3447 | Dec. 6 | T. R. Serfert | " | Bridgetown, W.I. | " | 8 00 |
| 3448 | " 26 | John Vaughan | " | Walton, N.S. | " | 8 00 |
| 3449 | " 30 | Danl. L. Rafuse | " | Bridgewater, N.S. | " | 8 00 |
| | 1902. | | | | | |
| 3450 | Jan. 10 | Clifton Smith | " | New Carlisle, P.Q | Halifax, N.S. | 8 00 |
| 3451 | " 10 | Frank M. Seeley | " | Halifax, N.S. | " | 8 00 |
| 3452 | " 10 | James E. McPherson | Master | Port Daniel, Que. | " | 15 00 |
| 3453 | " 11 | George E. Murray | " | Cardiff, Wales | Victoria, B.C. | 15 00 |
| 3454 | " 31 | Henry John Hobbs | " | Victoria, B.C. | " | 15 00 |
| 3455 | Feb. 3 | Harold F. Spinnay | 2nd Mate | Yarmouth, N.S. | Yarmouth, N.S. | 8 00 |
| 3456 | " 3 | W. A. Steele | " | Gaspereaux, P.E.I. | St. John, N.B. | 8 00 |
| 3457 | Mar. 11 | Edgar Pelletier | " | L'Islet, Que. | Quebec, Que. | 8 00 |
| 3458 | " 14 | Percival Mann | Master | Burlington, N.S | Yarmouth, N.S. | 15 00 |
| 3459 | " 14 | W. H. Davis | " | St. John, N.B | St. John, N.B. | 15 00 |
| 3460 | " 14 | Norman E. Smith | " | Wood's Harbour, N.S. | " | 15 00 |
| 3461 | Apr. 1 | J. A. McCulloch | Mate | S.S. *Tartar* | Victoria, B.C. | 8 00 |
| 3462 | " 1 | John W. Harrison | 2nd Mate | Lincoln, G.B. | " | 8 00 |
| 3463 | " 19 | J. D. Archibald | " | Mid. Musquodoboit, N.S. | St. John, N.B. | 8 00 |
| 3464 | May 1 | Chas. H. Webb | Mate | California, U.S | Victoria, B.C. | 8 00 |
| 3465 | " 29 | J. S. Morris | 2nd Mate | West Advocate, N.S. | St. John, N.B. | 8 00 |
| 3466 | June 3 | Réné Pelletier | " | L'Islet, Que. | Halifax, N.S. | 8 00 |
| 3467 | " 21 | Geo. H. Irving | Master | Hillsboro', N.B | St. John, N.B. | 15 00 |

LIST of Certificates of Service granted to Masters and Mates of INLAND and COASTING VESSELS during the year ended June 30, 1902.

| | | | | | | |
|---|---|---|---|---|---|---|
| | 1901. | | | | | |
| 3366 | Aug. 1 | Hector Roszel | Master | Little Current, Ont | St. Catharines, O | 8 00 |
| 3367 | " 10 | O. P. Thorbourn | " | East Jordan, N.S. | Shelburne, N.S. | 8 00 |
| | 1902. | | | | | |
| 3368 | Jan. 29 | L. P. D'Entremont | " | West Pubnico, N.S. | Yarmouth N.S. | 8 00 |
| 3369 | Feb. 4 | Z. Nickerson | " | Port Clyde, N.S | " | 8 00 |
| 3370 | Mar. 19 | H. A. Kenney | " | Barrington, N.S | Halifax, N.S. | 8 00 |
| 3371 | Apr. 23 | N. A. Nickerson | " | Five Islands, N.S. | Parrsboro', N.S. | 8 00 |
| 3372 | " 23 | Chas. H. Clements | " | Port Medway, N.S. | Liverpool, N.S. | 8 00 |
| 3373 | " 23 | D. B. Clapp | " | Picton, Ont. | Kingston, Ont. | 8 00 |
| 3374 | May 5 | E. Smiley | Mate | Port Dalhousie, Ont. | St. Catharines, O | 4 00 |
| 3375 | " 27 | Freeman Green | Master | Dunnville, Ont. | " | 8 00 |
| 3376 | " 27 | J. A. Hughes | Mate | Charlottetown, P.E.I. | Charl't'n, P.E.I. | 4 00 |
| 3377 | June 4 | Andrew Walher | Master | Clementsport, N.S. | BearRiver, N.S. | 8 00 |

# APPENDIX No. 48.

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels, in Canadian Waters, and to Canadian Sea-going Vessels, in other Waters, for the twelve months ended June 30, 1902.

| Date of casualty. | Name of Ship. | Age of ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1902. | | Y'rs | | | | | | | | $ |
| Apl. 13 | Artisan..... (80,086) | 10 | St. John, N.B. | Bk., wood, sail. | 1,083 | Manilla, Phil. Ids. to Newcastle, N.S.W. | Cape Patterson, Bass' Strait, Aust. | Vessel driven ashore by gale. | .... | Total loss, 12,000 |
| 1901. | | | | | | | | | | |
| Jan. 29 | Armenia..... (84,314) | 20 | Glasgow, G.B. | Schr., iron, steam | 2,218 | Glasgow G.B., to St. John, N.B. | Negro Head, Bay of Fundy. | Stranded in dense fog. | ... | Total loss. |
| Jan. 16 | Annie Sharpho-borg. | 29 | Norwegian.... | Bark, wood, sail. | 532 | Dalhousie, N. B., to Liverpool, G.B. | Jacket River Bar, N.B | Stranded. ..... ..... | .... | Partial loss. |
| June 26 | Argentina..... (92,682) | 11 | Pictou, N.S... | Bk., wood, sail | 583 | Philadelphia, U. S. A to Yarmouth, N.S. | Gannet Rock Ledges, Yarmouth, N.S. | Stranded. ... ..... | ... | Partial loss, 700 |
| Sept 0 | Amur .... ..... (98,073) | 11 | Victoria, B.C. | Schr., steel, steam. | 907 | Victoria, B.C. to Skagway, Ala. to Victoria, B.C. | Chilkoot Inlet, Alaska. | Stranded, careless navigation. | ... | Total loss, 7,000 |
| Nov. 13 | Annie E. Richardson. | 19 | American..... | Schr., wood, sail. | 214 | Boston, Mass., U.S.A. to St. John, N.B. | S. W. point of Westport, N.S., Brier Island, Bay of Fundy. | Stranded on Brier Island | .... | Partial loss, 1,000 |
| May 12 | Aggi..... .... | 10 | Bergen, Nor'y. | Schr., iron, steam. | 2,129 | Newcastle to Montreal P.Q. | Matane, P.Q | Stranded.. .. ..... .. | .... | Serious loss. |
| Oct. — | Avis..... (85,978) | 19 | St. John, N.B. | Schr., wood, sail. | 124 | St. John, N.B., to New Haven, Conn., U.S.A | Nantucket Shoals, U.S.A. | Lost masts and rigging.. | ... | Partial loss, 300 |
| Nov. 12 | Alert..... (96,950) | 11 | St. John, N.B. | Bk., wood, sail | 576 | Bristol Channel to Annapolis, N.S. | North Atlantic..... | Lost masts, sails and rigging in heavy sea. | ... | Partial loss. |
| Dec. 2 | Avis..... (85,978) | 19 | St. John, N.B. | Schr., wood, sail. | 124 | New London, Conn., U.S.A., to Sackville, N.B. | North Atlantic, American coast. | Lost foremast head in heavy sea. | ... | Partial loss, 300 |
| 1899. | | | | | | | | | | |
| Dec. — | Anita..... (85,507) | 17 | St. John, N.B. | Schr., wood, sail. | 115 | Pascagoula to St. Lucia. | Dixie Island, Mobile Bay, Ala., U.S.A. | Sprung a leak and stranded. | .... | Total loss, 3,000 Cargo, 2,500 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1901. | | | | | | | | | | | |
| Nov. 4 | Atrato | 4 | Liverpool, N.S. | Schr., wood, sail. | 199 | Sheet Harbour, N.S., to New York, U.S.A. | Nantucket Shoals, Mass. U.S.A. | Carried on shoals by current. | .... | Partial loss, | 2,000 |
| Oct. — | Arctic | 11 | Lunenburg, N.S. | Schr., wood, sail. | ..... | New London to New York, U.S.A. | New London, Conn., U.S.A. | Struck ledge and sprung a leak. | .... | ..... | ..... |
| Aug. 14 | A. Lincoln. (107,321) | 36 | Charlottetown P.E.I. | Schr., wood, sail. | 36 | Port Hood, N.S., to West River, P.E.I. | Entrance to Charlottetown Habr., P.E.I. | Damaged in collision | .... | Partial loss, Cargo, | 600 35 |
| Oct. 12 | A. G. Goddard. (52,160) | 25 | British | Steel, steam. | ..... | Towing in Lake Labarge, Can. | Lake Labarge, Can. | Capsized and sank in a gale. | .... | Total loss. | |
| Feb. 6 | Annie E. Richardson. | 19 | American. | Schr., wood, sail. | 214 | St. John, N.B., to New Haven, Conn., U.S.A. | 45 miles east of Cape Anne, Mass., U.S.A. | Sprung a leak in heavy weather and was abandoned. | .... | Total loss, Cargo, | 6,000 3,318 |
| 1902. | | | | | | | | | | | |
| Feb. 2 | Alcides (93,254) | 16 | Glasgow, G.B. | Steel, steam. | 2,181 | Glasgow, G.B., to St. John, N.B. | Round Reef, St. John Harbour, N.B. | Stranded | .... | ..... | ..... |
| Mar. 5 | Adelene (88,697) | 17 | St. John, N.B. | Schr., wood, sail. | 193 | St. John, N.B., New York, U.S.A. | Off Chatham, Mass., U.S.A. | Lost anchors, sails, and jib in gale. | .... | Partial loss, | 600 |
| 1901. | | | | | | | | | | | |
| Dec. 19 | Abbie Verna (107,070) | 4 | St. John, N.B. | Schr., wood, sail. | 66 | Musquash, N.B., Newark, N.J., U.S.A. | Off Ipswich, Mass., U.S.A. | Lost mainsail. | .... | Partial loss, | 150 |
| 1902. Feb. 12 | Arthur M. Gibson. (96,947) | 12 | St. John, N.B. | Schr., wood, sail. | 296 | Hamilton, Bermuda, to Savannah, Ga., U.S.A. | Near Dockyards, Bermuda. | Stranded | .... | Partial loss, | 25,000 |
| Mar. 29 | Antilla (96,948) | 12 | St. John, N.B. | Bktne., wood, sail. | 442 | Montevideo to New York, U.S.A. | Beach Harbour, 16 miles N. of Atlantic City, U.S.A. | Stranded in thick weather. Error in judgment by Master. | .... | Total loss. | 12,000 |
| 1900. | | | | | | | | | | | |
| ..... | Albacore (74,380) | 23 | Bowmanville, Ont. | Schr., wood, sail. | 327 | Oswego, N.Y., U.S.A. | .... | ..... | .... | Total loss. | |
| 1902. | | | | | | | | | | | |
| Feb. 8 | Aldine (88,595) | 17 | Yarmouth, N.S. | Bktne., wood, sail. | 299 | Turks Isld., Yarmouth, N.S. | 37° N. 65° W. North Atlantic. | Leaky in heavy weather. | .... | | |
| Mar. 6 | Antiqua (94,728) | 14 | Windsor, N.S. | Bktne., wood, sail. | 735 | Port au Spain, Trinidad W.I., to New York, U.S.A. | 200 Miles N. Trinidad, Caribb. Sea. | Leaking. Put into St. Thomas for repairs. | .... | Partial loss. | |
| Feb. 25 | Amanda (108,978) | 17 | St. John, N.B. | Schr., wood, sail. | 181 | St. John, N.B., New York to Bahia. | 40° N. 49° W. | Leaking. Put into St. Thomas for repairs. | .... | " | |
| 1901. | | | | | | | | | | | |
| Oct. 16 | B. R. Woodside. | 18 | American. | Schr., wood, sail. | 421 | Halifax to Tucket Wedge, N.S. | Lunenburg Harbour, N.S. | Stranded | .... | " | 650 |
| Mar. — | Bessie (100,545) | 4 | Digby, N.S. | Schr., wood, sail. | 88 | ..... | Two miles south, Seal Rocks, Me., U.S.A. | Damaged in gale. | .... | " | 400 |
| Oct. 9 | Bonnie Doone. (96,952) | 11 | St. John, N.B. | Schr., wood, sail. | 117 | New York, U.S.A., to St John, N.B. | Penobscot Bay, Me., U.S.A. | Stranded | .... | " | 125 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ships. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1902. | | Yr's | | | | | | | | | $ |
| Jan. 2 | Bristol (73,624) | 26 | Victoria, B.C. | Schr., iron, steam. | 1,983 | Nanaimo, B.C. to Juneau, Ala. | Chatham Strait, B.C | Stranded | .... | Total loss. | |
| ..... | Blanche M. Thorburn. (88,551) | 16 | Charlottetown P.E.I. | Schr., wood, sail. | 96 | St. Pierre, Miq | 47° 45′ N., 490° W., N. Atlantic. | Damaged in Hurricane | .... | Partial loss. | |
| Jan. 1 | Bobs (92,747) | 8 | Parrsboro, N.S. | Schr., wood, sail. | 97 | Westport, N. S., to Parrsboro, N.S. | Brier Isld., Bay of Fundy, N.S. | Stranded | ... | " | 1,000 |
| Feb. 19 | Bertha | 3 | San Francisco, U.S.A. | Schr., wood, steam. | 926 | Seattle, U. S. A., to Skagway, Ala. | North Head, Fitzhugh Sound, B.C. | " | .... | " | |
| April 30 | Barbara Boscowitz. (83,454) | 19 | Victoria, B.C. | Schr., wood, steam. | 329 | Victoria, B.C., to Essington, B.C. | 54° 15′ N., 149° 42′ W. | " No damage | .... | | |
| May 1 | Bothnia (100,661) | 17 | Kingston, Ont. | —— wood, steam. | 478 | Fair Haven to Montreal, Que. | St. Lawrence S. E. end of Mud Is'ld. | Stranded | .... | | |
| April 12 | Bona Fide (94,782) | 13 | Charlottetown P.E.I. | Schr., wood, sail. | 90 | Georgetown, P.E.I. to St. Johns, Nfld. | 46° 30′ N. 57° 22′ W. Gulf St. Lawrence. | Damaged in gale | .... | Partial loss. | 300 |
| June 25 | Bonita | 21 | American | " " | 388 | Seattle, U. S. A. to Ketchican, Ala. | Satellite Reef, Nanaimo, B.C. | Stranded through want of local knowledge. | .... | Trifling. | |
| 1900. | | | | | | | | | | | |
| Nov. — | Catherine (53,875) | 35 | Arichat, N.S. | " " | 61 | Pictou, N.S., to Arichat, N.S. | West Arichat, N.S., at anchor. | Sprung a leak and sank | .... | Total loss. | 200 |
| Aug. 20 | Cutch | .... | Vancouver, B.C. | Schr., iron, steam. | 366 | Vancouver, B. C. to Skagway, Ala. | Stephen's Passage, Alaska. | Stranded | .... | Total loss. | |
| " — | Charlotte (103,452) | 25 | Arichat, N.S. | Schr., wood, sail. | 73 | Arichat, N.S. to Chetticamp, N.S. | Miscou Island, N.B. | Stranded | . | | |
| 1901. | | | | | | | | | | | |
| Sept. 28 | Chalie (103,726) | 5 | Parrsboro, N.S | " " | 330 | Windsor, N.S. to New York, U.S.A. | Off Blomidon, Minas Basin, N.S. | Lost sails and rigging | ... | Partial loss. | 250 |
| Oct. 25 | Carel | 18 | Norway | Schr., iron, steam. | 1565 | Chatham, N. B., to Liverpool, G.B. | Miramichi Harbour, N.B. | Stranded on bar | .... | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Nov. 16 | Christie Campbell. (103,321) | 40 | Sydney, N.S. | Schr., wood, sail. | ..... | St. Peter's Canal to Sydney, C.B. | Bras d'Or lake, C.B. | Collision | .... | Total loss. | 1,000 |
| " 24 | Centennial. (88,257) | 18 | St. John, N.B. | " " | 124 | Parrsboro, N. S. to Boston, U.S.A. | 12 miles W.S.W. from Sequin, Me., U.S.A. | Lost sails and rigging | .... | Partial loss. | 500 |
| Aug. — | Castano (11,832) | .... | Digby, N.S. | " " | 215 | Cienfuegos, Cuba, to Appalachiala, Fla., U.S.A. | Gulf of Mexico | Foundered | .... | Total loss. | 15,000 |
| Dec. 20 | Carrie W. Babson | 12 | American | " " | 62 | N. Sydney, N. S. to Gloucester, Mass., U.S.A. | Low Point Lt., Sydney, C.B. | Stranded on Peters Ledge | .. | Partial loss. Cargo. | 850 350 |
| May 20 | Celeste Burrill | 15 | Yarmouth, N.S. | Ship, wood, sail. | 1,764 | Manilla to Victoria, B.C. | 20° 47′, N., 120° 44′ E., Pacific Ocean. | Sprang a leak; condemned as unseaworthy. | .... | Total loss, | 3,400 |
| Oct. 12 | Cygnet (80,389) | 19 | Parrsboro, N.S | Schr, wood, sail. | 77 | Parrsboro, N.S., to St. John, N.B. | Off Mispec, N.B., Bay of Fundy. | Sprang a leak in heavy weather. | ... | Partial loss, | 100 |
| Jan. — 1902. | Canada (100,262) | 11 | Windsor, N.S. | Ship, wood, sail. | 2,137 | Cardiff, Wales, to Cape Town, S.A. | At Sea | Damaged in heavy weather. | 1 | " | |
| Feb. — | Clarence A. Shafner (107,297) | .. | Annapolis, N.S | Schr., wood, sail. | 158 | Annapolis, N. S., to Cuba. | Annapolis Basin, N.S. | Vessel broke from anchorage and drifted ashore. | .... | " | 1,000 |
| Jan. 1 | Clifton (85,446) | 18 | Windsor, N.S. | " | 96 | Turks Island to Lockeport, N.S. | 15 miles N. Grand Turk | Sprang a leak | .... | Cargo, | 400 |
| Mar. 3 | Clifton (90,750) | 16 | St. John, N.B. | Wood; steam | 87 | ..... | At Dock, Indiantown, N.B. | Sank through neglect | .... | Partail loss, | 100 |
| Feb. 12 | Clio (90,581) | 17 | Lunenburg, N.S. | Bgtn., wood, sail. | 168 | Lunenburg, N.S., to St. Martins, D.W.I. | 18° 04′ N. 63° 06′ W | Stranded | .... | " | 200 |
| April 12 | Charmer (100,793) | 15 | Victoria, B.C. | Schr., steel, steam. | 1,044 | Victoria, B.C., to Vancouver, B.C. | Victoria Harbour, B.C. | In collision with D. W. Gordon. | | | |
| Mar. 22 | City of Seattle | .... | American | " | 767 | Seattle, Wash., U.S.A. to Vancouver, B.C. | Vancouver, B.C. | In collision | .... | No loss. | |
| June 4 | Capilano (100,203) | 10 | Vancouver, B.C. | " | 157 | Nanaimo, B.C., to Vancouver, B.C. | Entrance to Narrows, Burrard Inlet, B.C. | Touched a rock | .... | No damage. | |
| May 2 | Clayola (97,172) | 11 | Windsor, N.S. | Schr., wood, sail. | 123 | Liscomb, N.S., to New York, U.S.A. | Bay of Fundy | Lost sails and 15 m. lath in gale. | .... | Partial loss, | 90 |
| Jan. 28 1899. | Cavalier (100,233) | 9 | Halifax, N.S. | " | 233 | New York, U.S.A., to Cayenne. | Parc à Tortu, San Domingo. | Stranded | .... | Total loss, | 9,000 |
| Aug. 14 1901. | Daisy (72,058) | 24 | Arichat, N.S. | Schr., wood, sail. | 34 | Arichat, N.S. | 75 miles from Scatterie Island, N.S. | Foundered | .... | Total loss, | 500 |
| Aug. 10 | Drumalis | .... | Liverpool, G.B | Bk., steel, sail. | 2,450 | Dunkirk, France, to New York, U.S.A. | S.W. ledge, Cape Sable, N.S. | Stranded | .... | Total loss. | |
| Nov. 20 1902. | Druid (80,097) | 19 | St. John, N.B. | Schr., wood, sail. | 97 | Boston, Mass., U.S.A., to St. John, N.B | Gloucester Harbour, Mass., U.S.A. | Lost anchor, sails and chain in heavy weather. | .. | Partial loss, | 400 |
| April 12 | D. W Gordon (100,638) | 10 | Victoria, B.C. | Slp., wood, sail | 12 | Victoria, B.C. | Victoria Harbour, B.C. | Collision | .... | " | 200 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1902. | | Y'rs | | | | | | | | $ |
| April 6 | Dunsmuir (86,233) | 20 | Victoria, B.C. | Bk., iron, sail. | 1,798 | Hamburg to San Francisco, Cal., U.S.A. | San Francisco Bay, U.S.A. | Lost bowsprit in collision. | .... | Partial loss, £500 |
| June 27 | Dirigo | .. | American | Schr., wood, steam. | ..... | Seattle, U.S.A., Nanaimo, B.C., to Ketchican, U.S.A. | Satellite reef, Nanaimo Harbour, B.C. | Stranded | .... | Trifling. |
| 1900. | | | | | | | | | | |
| Aug. 8 | Ethel B | .... | Arichat, N.S. | Schr., wood, sail. | 10 | ..... | ..... | Broken up | .... | |
| 1901. | | | | | | | | | | |
| Sept. 14 | Eliza Bell (57,722) | 33 | Digby, N.S. | " | 30 | Beaver Harbour, N.B., to St. John, N.B. | St. John Harbour, N.B | Stranded in fog | .... | Total loss, 600 |
| Oct. 26 | Ellen M. Gould | 1½ | Gloucester, Mass. | Schr., wood, steam. | 99 | Gloucester fishing | North Sydney Harbour, N.S. | Fire | .... | Partial loss, 27,000 |
| 1900. | | | | | | | | | | |
| July 18 | Elsie M. Smith | 18 | American | Schr., wood, sail. | 83 | Rockeport, Me., U.S.A | St. Johns, Nfld | Stranded in thick fog | .... | " 400 |
| 1901. | | | | | | | | | | |
| Oct. 6 | Epes Tarr | 28 | " | " | 48 | Shag Harbour, N.S., to Gloucester, Mass., U.S.A. | Mud Island, N.S. | Stranded trying to make harbour. | .... | Total loss, 1,500 |
| Dec. 11 | Ella | 3½ | Norwegian | Schr., steel, steam. | 916 | Newfoundland | On a trip from Newfoundland to Sydney, C.B. | Broke shaft and lost propeller. | 4 | Partial loss, 10,000 |
| Sept. 28 | Edmund (75,589) | 24 | St. John | Schr., wood, sail. | 108 | At anchor, Codroy Harbour, N.Y. | Codroy Harbour, N.Y. | Vessel ran ashore in a heavy gale. | .... | Total loss, 3,000 |
| Oct. 25 | Emma C (100,155) | 10 | Lunenburg, N.S. | Schr., wood, sail. | 29 | LaHave, N.S. to Halifax, N.S. | Pennant Point, N.S. | Stranded. Master deceived by the lay of the land | ... | Total loss, 900<br>Cargo, 2,000 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Dec. 5 | Eureka (94,960) | 12 | Lunenburg, N.S. | Schr., sail. | wood, | 99 | Alicante to Cadiz, Spain. | Reef off Tarbuca, Island Spain. | Vessel ran on reef and became a total loss. | .. | Total loss, 2,400 |
| ..... | E. N. Merchant. (90,666) | 51 | Digby, N.S... | Schr., sail. | wood, | 48 | Broken up at Digby, N.S. | Digby Harbour, N.S.. | Beached ... ..... | ... | Total loss, 100 |
| 1902. | | | | | | | | | | | |
| Mar. 19 | E. H. Foster.... (85,510) | 19 | St. John, N.B. | Schr., sail. | wood, | 124 | St. John, N. F. to Boston, Mass, U.S.A. | Boston Harbour, U.S. | Vessel was leaking. Stranded. Knocked off piece of shoe. Lost 2 jibs | .... | Total loss, 375 |
| June 3 | Empress of Japan | 11 | London, Eng. | F. & A., steel, steam. | | 3003 | Hong Kong, Yokohama to Vancouver, B.C. | Victoria Harbour, B.C. | Collided with Str. *Shinano Maru.* | .... | Partial loss, 5,000 |
| Feb. 21 | Ellen A. Read.. (88,594) | 10 | Yarmouth, N.S. | Ship, sail. | wood, | 1750 | Manilla to Port Townsend, Wash., U.S.A. | Lat. 37° N. Long. 175 30' E., N. Pacific. | Leaking. Put into Honolulu. | .... | Partial loss, 2,400 |
| Sept. 12 | Fly. ..... | 10 | Chatham, N.B | Schr., sail. | wood, | 14 | Shippegan, N.B., on a fishing trip in the Gulf. | Straits of Northumberland. | Supposed to have foundered. All hands lost. | 4 | Total loss, 400 |
| 1899. | | | | | | | | | | | |
| June -- | Fly..... | 11 | Chatham, N.B | Schr., sail. | wood, | 12 | Caraquet, N.B., fishing in the G. of St. Lawr. | In the Gulf of St. Lawrence. | Foundered in a gale. All hands lost..... | 4 | Total loss, 300 |
| 1901. | | | | | | | | | | | |
| Oct. 28 | France & Russia (107,190) | .... | Charlottetown P.E.I. | Schr., sail. | wood, | 27 | Georgetown, P.E.I. to Pictou, N.S. | East end of Pictou Island, N.S. | Heavy sea and weather. Vessel stranded. | .... | Partial loss. |
| 1902. | | | | | | | | | | | |
| Feb. 2 | Flushing.. ..... (90,751) | 20 | St. John, N.B. | Wood, steam. | | 121 | St. John Harbour, N.B. | Off Foul ground, St. John Harbour, N.B. | Damaged in collision.... | .... | Partial loss, 600 |
| Feb. 11 | Fawn ..... (100,495) | 10 | Victoria, B.C. | Schr., sail. | wood, | 59 | Victoria, B.C. to Sealing Cruise. | Catala Is'ld., Esperanza Inlet, B. C. | Broke from anchorage and drifted ashore. | .... | Total loss. 7,000 |
| " 27 | Fred E. Scammell. (80,366) | 22 | Parrsboro, N.S. | Ship, sail. | wood, | 1,349 | Manilla to San Fransisco, U.S.A. | San Francisco, Cal., U.S.A. | Arrived leaking badly... | .. | Partial loss. 1,000 |
| June 2 | Florence.... (90,717) | 16 | Halifax, N.S.. | Schr., sail. | wood, | 89 | Louisburg, N. S. to Halifax, N.S. | Sheet Harbour, N.S .. | Stranded on Yankee Jack Shoal. | .... | Damage. 1,000 |
| 1900. | | | | | | | | | | | |
| Oct. 20 | G. H. B..... (38,481) | ... | Arichat, N.S | Schr., sail. | wood, | 36 | Pictou, N.S..... | Janvrins Is'ld., N.S... | Vessel parted both chains at Janvrins Island, N. S., and became a total wreck. | .... | Total loss. |
| " 13 | Green Leaf..... (90,489) | 16 | Halifax, N.S.. | Schr., sail. | wood, | 44 | Halifax, N.S., to Ship Harbour, Labrador. | Six miles from Grindstone, Sandy Hook, M.I. | Driven ashore in a gale.. | ... | Total loss. 3,000 Cargo. 1,800 |
| 1901. | | | | | | | | | | | |
| Aug. 13 | G. E. Bently... | 9 | Parrsboro, N.S. | Schr., sail. | wood, | 250 | Mobile to Cartagene... | Gulf of Mexico..... | Lost sails in hurricane and leaking. | .... | Total loss. 2,500 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1901. | | Y'rs | | | | | | | | $ |
| Sept 15 | Gold Seeker..... (103,203) | 5 | Liverpool, N.S | Schr., wood, sail. | 199 | Jeremie, Hayti.. ... | North Atlantic Ocean, Lat. 37°40′ N., Long. 70° 38′ W. | Collided with S.S. *Endeavour.* | .... | Partial loss. 1,000 |
| 1900. | | | | | | | | | | |
| June 2 | G. G. ..... (88,434) | 16 | St. Johns, N.F.L. | Schr., wood, sail. | 79 | North Sydney to Halifax, N.S. | Off Flint Is'ld., N.S... | Sprung a leak off Flint Island. | .... | " 150 |
| 1901. | | | | | | | | | | |
| Nov. 18 | Guardian..... (107,958) | 18 | Lunenburg, N.S. | Schr., wood, sail. | 99 | Vineyard Haven, Mass., U.S.A., to Lunenburg, N.S. | Vineyard Sound, Mass., U.S.A. | Wind died out, and anchors would not hold in heavy sea. | .... | Total loss. 6,000<br>Cargo. 1,000 |
| Nov. 22 | Glendale..... (97,088) | 11 | " | Schr., wood, sail. | 37 | Montague, P. E. I to Chezetcook, N.S. | Red Rock Ledge, Little Canso, N.S. | Vessel lost in a storm... | .... | Total loss. 600<br>Cargo. 300 |
| Dec. 11 | Glyndon..... (103,752) | 4 | " | Schr., wood, sail. | 99 | Port Hood to Yarmouth, N.S. | Auld's Cove, Strait Canso, N.S. | Vessel stranded..... | .... | Partial loss. 450 |
| April 14 | Gazelle..... (75,860) | 23 | Weymouth, N.S. | Schr., wood, sail. | 121 | Port Gilbert, N.S., to Boston, Mass., U.S.A. | Mount Dessert Rock, N S. | Vessel sprung a leak..... | ... | Serious casualty. |
| 1902. | | | | | | | | | | |
| Feb. 9 | Grecian..... (82,296) | 22 | Glasgow, G.B. | — Iron, steam. | 2,211 | St. Johns, N.F. L. to Halifax, N.S. | Sandwich Point, Halifax Harbour, N.S. | Vessel became a total loss. | .... | Total loss. |
| Jan. — | Gladstone..... (100,109) | .... | Moncton, N.B | ..... ... | ..... | Sherbrooke to New York, U.S.A. | Sandy cove, entrance to Liverpool Harbour N.S. | Went ashore..... | .... | Total loss. |
| ..... | Grace G. Gribbie | .... | American .... | Schr., wood, sail. | 283 | Erie, Pa., U.S.A., to St. Ignace, Mich., U.S.A. | Pt. Pelee, 3 miles from Pigeon Bay, Ont. | | | |
| Apl. 27 | Gracie B .. .... (111,453) | 1 | Winnipeg, Man. | Wood, steam. | 14 | Winnipeg to Selkirk, Man. | Little Britain Ferry, Red River, Man. | Ferry cable swept deck house off. | 1 | Loss, 300 |
| Mar. 2 | Georges Walter. | .... | French..... | Schr., wood, sail. | 40 | St. Pierre Miq. Fishing cruise. | Coffin Island, M.I., Gulf St. Lawrence. | Want of attention. | ... | Total loss, 650 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1900. | | | | | | | | | | | |
| Sept. — | Hibernia..... | 1 | Chatham, N.B | Schr., wood, sail. | 13 | Caraquet, N. B., on a fishing trip in the gulf of St. Lawrence. | Near French River, P.E.I. | Driven ashore in a gale all lost. | 4 | Total loss, | 550 |
| 1901. | | | | | | | | | | | |
| May 23 | Hazel B. Mosher (107,965) | 1 | Lunenburg, N.S. | Schr., wood, sail. | 72 | Mahone Bay to Canso, N.S..... | Sugar Head, Cape Breton. | Fog..... | | Partial loss, | 2,450 |
| | | | | | | | | | | Cargo, | 300 |
| Oct. 26 | Haling ..... (109,860) | 13 | Hong Kong... | Schr., iron, steam. | 697 | Vancouver, B. C., to Skagway, Ala. | Sabine Channel, Gulf of Georgia. | No particulars of vessel stranding, vessel overran her time. | | | |
| Nov. 12 | Henry L. Phil'ps | 33 | Port Hawkesbury, N.S. | Schr., wood, sail. | 78 | Charlottetown, P.E.I. to Glace Bay, N.S. | Bras d'Or Lakes, N.S. | Damaged in collision. | .... | Partial loss, | 300 |
| Oct. 27 | Henry Stewart. (94,695) | 12 | Digby, N.S. | Brig, wood, sail. | 243 | Cienfuegos to Cochinos Bay, Cuba. | Cochinos Bay, Cuba. | Vessel stranded in bad weather. | ... | Total loss, | 6,500 |
| Aug. 29 | Howard H. Harvey..... (96,760) | 25 | St. John, N.B. | Schr., wood, sail. | 91 | Big Salmon River, N. B., to New Haven, Conn., U.S.A. | Big Salmon River, Albert Co., N.B., Bay of Fundy. | Vessel grounded and became leaky and afterwards capsized while being towed. | .... | Partial loss, | 400 |
| | | | | | | | | | | Cargo, | 325 |
| ..... | Helen Miller Gould.. ... | 1½ | American.... | Schr., wood, sail. | 99 | Gloucester, Mass., U.S.A., to Fishing grounds. | Near North Sydney, Nova Scotia. | No particulars. | .... | Total loss, | 28,000 |
| Dec. 3 | Hackney..... (96,309) | 21 | Cardiff, Eng.. | Schr., steel, steam. | 26 | Norfork to Rotterdam, Holland. | 300 miles south west of Halifax, N.S. | Fire was discovered in bottom of hold and steamer put into Halifax for safety. | .... | Amount of damage not reported. | |
| 1902. | | | | | | | | | | | |
| Jan. 1 | Howard H Harvey..... (9,670) | 25 | St. John, N.B. | Ship, wood, sail. | 91 | Wiscassett, Me., U.S.A., to St. John, N.B. | 1 mile east Dark Harbour, Grand Manan, N.B. | Vessel driven ashore in a heavy gale and became a total loss. | .... | Total loss, | 1,000 |
| 1901. | | | | | | | | | | Cargo, | 3,000 |
| Sept. 9 | Harry Stewart. (94,695) | 12 | Digby, N.S... | Bgtn., wood, sail. | 244 | Cienfugos to New York, U.S.A. | Cochinos Bay, Cuba... | Condemned and sold .... | ... | Total loss, | 400 |
| Nov. 16 | Highland Light. (95,318) | 27 | San Francisco, U.S.A. | Barque, wood, sail. | 1,250 | Tacoma, Wash., to San Franciso, U.S.A. | N. Pac. Ocean, lat. 48° 30′ N., long. 126° 30′ W. | Vessel sprung a leak and became a total loss. | .... | " | 1,500 |
| | | | | | | | | | | Cargo | 4,000 |
| ..... | Hong Haakon .. | 12 | (Norwegian)... | Schooner, iron, steam. | 1,478 | Cape Tormentine to Manchester. | Straits of Canso, Janvrin Shoal, N.S. | Thick weather ..... | .... | Partial loss. | |
| 1902. | | | | | | | | | | | |
| Feb. 2 | Harry Morris... (80,391) | 20 | St. John, N.B. | Schr., wood, sail. | 98 | Rodney Wharf, St. John, N.B. | Rodney Wharf, St. John, N.B. | Vessel ran into by the schr. *Edward W. Perry* which broke adrift. | .. | Partial loss, | 300 |
| 1901. | | | | | | | | | | | |
| Dec. 30 | Harry L. Belduc | 11 | (American)... | " .. | 117 | Fishing at Yarmouth, N.S. | Green Island, entrance to Yarmouth Harb., N.S. | Misstayed and stranded.. | .... | Total loss. | |
| 1902. | | | | | | | | | | | |
| Feb. 12 | H. A. Holder... (96,756) | 12 | St. John, N.B. | " .. | 94 | St. John, N.B., to Boston, U.S.A. | Libbey Island, Me., U. S. A., N.N.E. 4 miles. | Snowstorm and gale, mate fell overboard and was lost. | 1 | Loss, | 150 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port Sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1901. | | Y'rs | | | | | | | | | $ |
| Jan. 21 | Harry Troop.... (111,693) | 12 | Liverpool, N.S | Schr., wood, sail. | 199 | New York to Cuidad Bolivar. | Lat. 37° 25′ N., long. 68° W., North Atlantic. | Lost foretop mast.. ... | .... | Partial, | 50 |
| 1902. | | | | | | | | | | | |
| Mar. 21 | Herbert Rice ... (83,439) | 14 | Weymouth, N.S. | " .. | 150 | Barbadoes, B.W.I., to Halifax, N.S. | Lat. 24° 38′, long. 68° 16′. | Foremast rig and sail carried overboard. | .... | Unknown. | |
| 1901. | | | | | | | | | | | |
| June 15 | Iris..... ..... | 25 | Sweden .... | Barque, wood, sail. | 680 | Chatham, N.B., to Ayr | Miramichi Bay ..... | Vessel struck by a heavy roll and foundered. | .... | Partial loss. | |
| Aug. 15 | Islander..... (95,093) | 15 | Victoria, B.C. | Schr., steel, steam. | 478 | Skagway, Ala., to Vancouver, B.C. | Point Hilda, Steven's Passage, off Douglas Island, Alaska. | Struck an iceberg and sank in 20 minutes. | 42 | Total loss, | 160,000 |
| 1902. | | | | | | | | | | | |
| Mar. 22 | J. V. Dexter..... (97,058) | 9 | Liverpool, N.S | Schr., wood, sail. | 149 | New York, U.S.A., to Halifax, N.S. | 8 m. N.E. St. George's Shoal, N. Atlantic. | Washed by heavy seas, put into Beston for repairs. | .... | Partial loss, | 50 |
| 1884. | | | | | | | | | | | |
| Mar. 10 | John A. Ruddock | 5 | St. John, N.B. | " .. | 10 | Bocabee to Grand Manan, N.B. | Bay of Fundy.. ..... | Driven ashore in a gale.. | ... | Total loss. | |
| 1890. | | | | | | | | | | | |
| Oct. * — | J. W. Arnold... | 15 | Halifax, N.S.. | " .. | 56·80 | Halifax, Canso, N.S., to Anticosti, P.Q. | Gulf of St. Lawrence.. | Supposed to have capsized in a gale. | 5 | " | 1,600 |
| 1901. | | | | | | | | | | | |
| Aug. 17 | John T. Cullinan (107,071) | 29 | St. John, N.B. | Schr., wood, sail. | 91 | St. John, N.B., to Hartford, U.S.A. | Shovelful Shoals, Mass., U.S.A., S.E. side. | Went ashore in a fog and could not be got off with a tug. | .... | Total loss, Cargo, | 1,000 1,100 |
| .... ... | Joseph Rowe.... (American) | .... | Gloucester, U.S.A. | " .. | ..... | White Head, N.S.... | Three Top Isld., White Head, N.S. | Foundered in bad weather | .... | Total loss, | 8,000 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Aug. 14 | Jacques Cartier.. (92,348) | 13 | Charlottetown, P.E.I. | Sloop, wood, steam. | 239 | Charlottetown, P.E.I., to Pugwash, N.S. | 1½ m. outside Charlottetown Hbr., P.E.I. | Vessel collided with a schooner. | .... | Partial loss, 150 |
| Jan. 7 | John S. Parker.. (100,080) | 10 | St. John, N.B. | Schr., wood, sail. | 240 | St. John, N.B., to New York, U.S.A. | New Orleans, Mass., U.S.A. | Error of judgment in the master as to vessel's position. | .... | Total loss, 9,000<br>Cargo, 4,079 |
| May 10 | Jacona.. ..... (96,365) | 12 | Dundee, Scotd | Schr., iron, steam. | 1,951 | Montreal, P.Q. to Leith, Scotland. | Near Sorel, River St. Lawrence. | Vessel got out of channel and stranded. | .. | Trifling. |
| July 10 | J. E. Graham... (83,204) | 19 | Windsor, N.S. | Bk., wood, sail. | 1,336 | Alleppi, B.C..... | Lat. 35° 15′ N., long. 73° 30′ W. Atlantic Ocean | Cut away mast and sails during storm. | ... | Partial loss, 1,000 |
| ..... | Johanne..... | 27 | Norway ... | " .. | 473 | Sydney, N.S.... .... | Green Cove, C.B. North Atlantic. | Struck in a fog..... ... | .... | Total loss, 9,000 |
| May 16<br>1900. | Kildona..... (93,769) | 13 | Dundee, Scotd | Schr., iron, steam. | 2,349 | Newcastle, to Montreal, P.Q. | Matane, P.Q., Gulf of St. Lawrence. | Stranded in fog. | .... | Trifling casualty. |
| .....<br>1901. | Leona... ..... (59,399) | 40 | St. Andrews, N.B. | Schr., wood, sail. | 12 | ... . ..... .... | Red Beach, Ste. Croix River. | Wrecked. | .... | Total loss. |
| Aug. 28 | Lizzie Wharton. (83,494) | 17 | Digby, N.S... | " .. | 98 | Boston, Mass., U.S.A., to Annapolis, N.S. | Annapolis Basin, N.S. | Vessel listed over and upset a lantern which was in cabin, which, it is supposed, set fire to cabin. | .... | " 2,500<br>Cargo, 800 |
| . . .... | L. E. Young... (96,833) | 11 | Lunenburg, N.S. | " .. | 69 | Lunenburg to Yarmouth, N.S. | 30 m. S. White Head, Guysboro', N.S. | Lost sails in a gale. | ... | Trifling, 45 |
| Dec. 8<br>1902. | Laura C. Hall... (103,738) | 4 | Parrsboro, N.S. | " .. | 100 | River Hebert to Providence. | Near Portland Hbr., Me., U.S.A. | Vessel struck a sunken reef. | ... | Partial loss, 140 |
| Mar. 18<br>1902. | Lake Superior... (91,197) | 17 | Liverpool, Eng | 3-m. schr., iron, steam. | 2,879 | Liverpool, Eng., to St. John, N.B. | St. John harbour, N.B. | Stranded. | .... | Total loss. |
| Mar. 23<br>1901. | Lord Roberts... (110,517) | 2 | Belfast, Ireland. | Schr., steel, steam. | 2,693 | Port Talbot to St. John, N.B. | In dock in England. | Leaking badly. | .... | Partial loss, 200 |
| Apl. 20<br>1900. | Mola..... | 9 | St. John, N.B | Schr., wood, sail. | 351 | Buenos Ayres to New York, U.S.A. | Point Pleasant, New Jersey, U.S. | Stranded on account of mate not carrying out master's instructions in regard to taking soundings. | .... | Partial loss, 3,000 |
| Sept. -<br>1899. | Morning Light.. (83,222) | 45 | Chatham, N.B | Schr., wood, sail. | 46 | Sydney, N.S. to Pt. du Chêne, N.B. | King's Head, Pictou Co., N.S. | Vessel driven ashore in a heavy fog. | .... | Total loss. |
| Sept. 1 | Marie Delphine. (100,541) | .... | Digby N.S. | Schr., wood, sail. | 67 | Port Gilbert, N.S., to Rockland, U.S.A. | Yorks Narrows, State Maine, U.S.A. | Sunk in collision. | .... | Total loss. |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1900. | | Yr's | | | | | | | | | $ |
| Sept. 1901. | Marie Anne .... (73,021) | 16 | Amherst, M.I | Schr. wood, sail. | ..... | North Sydney, N.S., fishing trip. | White Point, Aspy Bay, N.S. | Vessel was running for a harbour; and being forced around Cape North by the gale she was dashed to pieces against the cliff at White Point, N.S. | .... | Total loss. | |
| Sept. 6 | May..... ..... (69,189) | 27 | Lunenburg, N.S. | Bgtne., wood, sail. | 148 | Lunenburg to Porte Rico, U.S. | North Atlantic Ocean, Lat. 20°30 N., Long. 60° 30′ W. | Vessel sprung a leak. | .. | Total loss, Cargo, | 3,000 10,000 |
| Oct. 5 | Manchester Shipper. (108,850) | ... | Manchester, Eng. | Schr., wood, sail. | 2,542 | Havre, France, to Quebec, P.Q. | Inside Low Point Light Sydney, N.S. | Vessel struck. | .... | Accident, | 3,000 |
| July 5 1900. | Manchester Corporation (108,844) | 2 | Manchester, Eng. | Schr., steel, steam. | 3,586 | Montreal, P.Q., to Manchester, Eng. | River St. Lawrence. | Supposed to have struck a submerged log, she broke 3 blades of her propeller. | | | |
| Sept. 14 1901. | Marie Anne ... (93,021) | 26 | Amherst, M.I | Schr., wood, sail. | 46 | White Point, C.B. | ..... | ..... | .... | Total loss, | 500 |
| Dec. 4 1902. | Margaret. ... (103,119) | 35 | St. Andrews, N.B. | Schr., wood, sail. | 49 | Windsor, N.S., to St. John, N.B. | West Quoddy, bearing 3 miles Marine, Bay of Fundy. | Vessel caught in storm, could not get sails down, had to cut away jib, vessel drifted to Seal Cove, N.B. | .... | Partial loss, | 120 |
| Jan. 1 1901. | Marion.... .... (103,257) | 6 | St. John, N.B | Schr., wood, sail. | 124 | St. John, N.B., Parrsboro, N.S. | Minas Channel, N.S. | Did not hear fog whistle and vessel ran ashore in a snow storm. | .... | Total loss, Cargo, | 3,500 7,000 |
| Dec. 18 | Monitor... .... (107,961) | 2 | Lunenburg, N.S. | Schr., wood, sail. | 99 | Charlottetown, P.E.I., to Port Hood, N.S. | Cole's Reef, west side of entrance to Picton Harbour, N.S. | Stranded in a thick snow storm. | .... | Total loss, | 5,000 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 1902. | | | | | | | | | | | |
| Jan. 6 | Merton (71,384) | 26 | Parrsboro, N.S | Schr., wood, sail. | 61 | Laid up at Parrsboro, N.S. | Parrsboro River, N.S. | Fire. | .... | Partial loss, | 200 |
| Feb. 14 | Morancy | 34 | (American) | Schr., wood, sail. | 159 | About to sail from St. John, N.B. | Walker's Wharf, St. John, N.B. | Damaged by fire on board, supposed to have been caused by the explosion of a lamp. | .... | Partial loss, Cargo, | 400 30 |
| Aug. 3 | Mira (112,844) | 9 m. | London, Eng. | Schr., wood, steam. | 2,409 | Boston, Mass., U.S.A., to Louisburg, N.S. | Near Yarmouth, N.S. | Stranded | .... | Partial loss. | |
| 1901. | | | | | | | | | | | |
| Dec. 31 | Maud Churchill. (107,988) | 9 m. | Shelburne, N.S | Schr., wood, sail. | 96 | Turks Island to Lockeport, N.S. | 16 miles north Grand Turk, Turks Island. | Sprang a leak | .... | " Cargo, | 400 |
| 1900. | | | | | | | | | | | |
| Nov. 8 | Mary Amanda (97,024) | 31 | " | " | 42 | Halifax to N. E. Harbour, N.S. | N. E. Harbour, Shelburne, N.S. | Dragged anchor | .... | Total loss, | 1,500 |
| 1902. | | | | | | | | | | | |
| Feb. 28 | M. J. Soley (103-015) | 8 | Parrsboro, N.S | " | 100 | Parrsboro, N.S., to St. John, N.B. | Off Sand Point, St. John, N.B. | Damaged in collision | .... | Partial loss, | 150 |
| Mar. 12 | Mermaid (88,367) | 18 | Vancouver, B.C. | Wood, screw | 87 | Nanaimo, B.C., to Banaka Bay. | Lat. 44° 11' 50" N., long. 123° 55' 50" W., Str't of Georgia, B.C. | Stranded | .... | " | 750 |
| 1890. | | | | | | | | | | | |
| May 15 | New England (52,160) | 25 | St. John, N.B. | Schr., wood, sail. | 60 | River Hebert, N.S., to St. John, N.B. | River Hebert, N.S | Caught on ice and became a total wreck. | .... | Total loss, | 300 |
| 1902. | | | | | | | | | | | |
| Feb. 28 | N. B. Morris (80,367) | 22 | Parrsboro, N.S | Barque, wood, sail. | 699 | Rosario, S. America, to Philadelphia, U.S.A. | Mouth of Delaware River, U.S. coast. | Stranded in Delaware River during storm. | .... | Total loss, | 5,000 |
| " 16 | Neckar | 1 | Bremen, Germany. | 4-mast, steam | 9,835 | Bremen, Germany, to New York, U.S.A. | Lat. 42° 23' N., long. 46° 48' W., N. Atlantic. | Lost rudder and propellers. | | | |
| June 8 | North America (59,465) | 32 | Arichat, N.S. | Schr., wood, sail. | 174 | Descousse, N.S., to Paspebiac, P.Q. | Inkerman's Point, N.B. | Stranded in storm | .... | Total loss. | |
| Feb. 2 | Ora | | Yarmouth, N.S. | Brigantine, sail | .... | Annapolis, N.S. | Annapolis Basin, N.S. | Vessel seriously damaged in a storm. | .... | Partial loss, | 1,000 |
| 1901. | | | | | | | | | | | |
| Dec. 30 | Oliver Wendell Holmes | 12 | (American) | Schr., wood, sail. | 102 | Gloucester, Mass., U. S. A., to Newfoundland. | S.W. Point Seal Island | The master misjudged his position. | .... | Total loss. | |
| 1902. | | | | | | | | | | | |
| Feb. 20 | Oscar Hattie (97,156) | 18 | Victoria, B.C. | " | 81 | Victoria, B.C., sealing cruise. | Lat. 45° 35' N., long. 124° 45' W., N. Pacific. | Heavy storm | .... | Partial loss, | 1,000 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1901. | | Y'rs | | | | | | | | | $ |
| July 17 | Pawnee. ..... | 20 | Liverpool, G.B | Schr., iron, steam. | 20 | New York, U.S.A., to St. John, N.B. | Partridge Island, entrance of St. John Harbour, N.B., N by W. 3½ miles distant, Bay Fundy. | A dense fog and not hearing the *Rolands* fog-horn until too late. | .... | Partial loss. | |
| Aug. 21 | Phœnix. ..... (85,620) | 18 | Parrsboro, N.S | Schr., wood, sail. | 396 | New York, U.S.A., to Windsor, N.S. | Off Quaco, Bay Fundy, N.B. | Vessel collided in a thick fog with the *Maurice.* | .... | " | 200 |
| Oct. 6 | Polar Star.. ... (66,747) | 12 | Port Hawkesbury, N.S. | Schr., wood, sail. | 76 | Richibucto, N.B., to Glace Bay, N.S. | Tyron Shoals, P.E.I... | Strong tide and dense smoke caused vessel to run on shoal. | .... | " Cargo, | 400 600 |
| Sept. 5 | Prospect..... . (72,191) | 17 | Parrsboro, N.S | Schr., wood, sail. | 79 | St. John, N.B. to Tynemouth Creek, N.B. | Mouth of Tynemouth Creek, N.B. | Vessel sprang a leak and Captain ran her ashore to save cargo and himself. | .. | Total loss, | 400 |
| Dec. 23 | Petrel.... .... (71,394) | 24 | Parrsboro, N.S | Schr., wood, sail. | 59 | Spencer's Island to Parrsboro, N.S. | Minas Channel, Fraserville, N.S. | Vessel filled with water drifted ashore and went to pieces. | .... | " | 200 |
| " 30 | Protector..... (111,402) | 2 | Lunenburg, N.S. | Schr., wood, sail. | 95 | Boston, Mass., U.S.A., to Yarmouth, N.S. | Yarmouth Harbour, N.S. | .... .... ..... | .... | Partial loss, | 600 |
| Nov. 29 | Prohibition.... (103,069) | 5 | Yarmouth, N.S. | Schr., wood, steam. | 120 | Prospect, N.S to New York, U.S.A. | Seal Island, North Atlantic. | Vessel sprang a leak..... | .... | | |
| 1902. | | | | | | | | | | | |
| Feb. 12 | Princess Louise. (83,257) | 19 | Annapolis, N.S. | Schr., wood, sail. | 21 | Grand Manan, N.B. to St. John, N.B. | Near Partridge Island, St. John, N.B. | Vessel ran into while at anchor. | ... | Total loss, Cargo, | 700 323 |
| Feb. 4 | Prohibition..... (103,069) | .... | Yarmouth, N.S. | Schr., wood, sail. | 121 | Boston, Mass., U.S.A., to Yarmouth, N.S. | Scrag Island, Me. U.S.A. | Stranded..... | ... | Total loss, | 5,000 |
| 1901. | | | | | | | | | | | |
| May 13 | Reporter..... (88,588) | 17 | St. John, N.B. | Schr., wood, sail. | 121 | New York, U.S.A., to St. John, N.B. | Fisher's Island Sound, Conn., U.S.A. | " ..... | ... | Partial loss, | 150 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| July | 17 | Roland..... | 13 | Parrsboro, N.S | Schr., wood, sail. | 93 | Parrsboro, N.S. to St. John, N.B. | Partridge Island, mouth St. John Harbour, N.B., Bay Fundy, N.B. | A thick fog, collided with the *Parsee* at the mouth of St. John Harbour, and sank in 16 fathoms of water. | .... | Total loss, 5,000<br>Cargo, 450 |
| Nov. | — | Roberval..... (103,100) | 8 | Montreal, P.Q. | Wood barge. | 370 | Ogdensburg, N.Y. U.S.A., to Cornwall, Ont' | One mile below Prescott, Ont. | Was in tow of tug and got in the ice. | .... | Total loss, 2,000<br>Cargo, 6,000 |
| 1902. | | | | | | | | | | | |
| Feb. | 18 | R. I. Morse..... (100,806) | 10 | Victoria, B.C. | Schr., wood, sail. | 30 | Victoria, B.C. to Sealing Cruise. | Lat. 42 10' N., Long. 124° 50' W. | Vessel disabled by shipping a heavy sea. | ....<br>1<br>7 | Total, 2,700<br>Washed overboard and drowned.<br>Saved by schr. *Penelope.* |
| Mar. | 2 | Reliance..... (American) | ½ | Gloucester, Mass., U.S.A | Schr., wood, sail. | 83 | Gloucester to Fishing Banks. | Indian Point, Little Harbour, 10 miles from Lockeport, N.S | Stranded, error in judgment. | .... | Total loss, 12,000 |
| Apl. | 25 | Reporter. ... (85,588) | 19 | St. John, N.B | Schr., wood, sail. | 121 | St. John, N.B., to Salem. | Musquash Harbour, St. John Co., N.B., | Stranded..... | .... | Partial loss, 150 |
| Mar. | 29 | Richard B..... (73,028) | 22 | Amherst, M.I. | Schr., wood, sail. | 32 | Magdalen Isds., Sealing voyage. | Fox River, near St. Peters, P.E.I., Gulf of St. Lawrence. | Stranded and became a total wreck during heavy storm. | .... | Total loss, 1,200 |
| .... | ... | Roraima.. . (87,678) | 16 | Quebec, P.Q.. | Schr., steel, steam. | 1,764 | New York, U.S.A., to Dominica Demerara, W.I. | St. Pierre Martinique, West Indies. | Overwhelmed in volcanic eruption. | 40 | Total loss.<br>10 rescued by *Suchet.* |
| 1901. | | | | | | | | | | | |
| July | 4 | Susan and Annie (73,110) | 25 | Parrsboro, N.S | Schr., wood, sail. | 79 | Digby, N.S., to Joggins, N.S. | Western Head, Cape Enrage, N.S. | Stranded..... | ... | Total loss, 1,000 |
| Aug. | 21 | St. Maurice ... (103,723) | 5 | Parrsboro, N.S | Schr., wood, sail | 272 | Parrsboro, N.S. | Off Quaco, N.B. | In collision. ..... | .... | Partial loss, 100 |
| 1900. | | | | | | | | | | | |
| Dec. | 11 | Shenandoah .... | 10 | Gloucester, Mass., U.S.A | Schr., wood, sail. | 77 | Halifax, N.S., to Black River, Nfld. | Off Canso, N.S. | Stranded ..... | .... | Partial loss, 500 |
| 1901. | | | | | | | | | | | |
| Sept. | 3 | Sierra ..... (100,101) | 10 | Parrsboro, N.S | Schr., wood, sail. | 124 | Apple River, N.S., to New, York, U.S.A. | Shovelful Shoals, Chatham, Mass., U.S.A. | Captain went on wrong side of buoy and vessel stranded. | ... | Partial loss, 850 |
| 1902. | | | | | | | | | | | |
| Dec. | 3 | Selina..... (100,088) | 9 | St. John, N.B | Schr., wood, sail. | 59 | Point Wolf, Albert Co., N.B., to St. John, N.B. | Off Cape Spence, N.B., Bay of Fundy. | Rigging lost and damaged in gales. | .. | Partial loss, 400<br>Cargo, 500 |
| ..... | | Susan ... ..... (83,090) | 48 | Port Hawkesbury, N.S. | Schr., wood, sail. | 15 | River Inhabitants to Arichat, C.B. | Near Arichat, C.B. | Vessel wrecked in a gale. | .... | Total loss. |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. Iron or Wood. Steam or Sail. | Register Tonnage. | Port sailed from. Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1901. | | Yr's | | | | | | | | $ |
| Dec. 14 | Sandalphan. ... (90,664) | 15 | Digby, N.S. | Schr., wood, sail. | 90 | St. John, N. B., to Lepreaux, N.B. | Near head of Lepreaux Harbour, N.B. | Caught on bank, strained and filled and broke stern post. | .... | Total loss, 700 |
| Apr. 22 | Savona.. ..... (90,480) | 10 | Matliand, N.S. | Ship, wood, sail | 1,891 | Sidney, N. S. W., to Rotterdam, Holland. | South Atlantic, Lat. 4° 4′ S., Long. 52° W. | Vessel struck by a heavy sea, smashing in poop deck, gutting cabin, and master, steward and two seamen killed. | 4 | Partial loss, 15,000 |
| Dec. 26 | Santa Clara.... (115,437) | 25 | San Francisco, Cal., U.S.A. | Ship, wood, sail | 1,535 | San Francisco, U.S.A., to Ladysmith, B.C. | N. W. end of Trial Island, B.C. | Vessel drifted in a gale and stranded. | ... | Extent of damage not reported. |
| 1902. | | | | | | | | | | |
| Jan. 2 | Southern Cross.. (85,544) | 19 | Parrsboro, N.S | Schr., wood, sail. | 99 | Parrsboro, N.S., to Boston, Mass., U.S.A | St. John Harbour, N.B | Vessel driven out of St. John by a gale and was damaged, and is now full of water. | .... | Partial loss, 1,500 |
| 1901. | | | | | | | | | | |
| Dec. 25 | Seattle ..... (90,519) | 14 | " .. | " .. | 56 | Little Salmon River to St. John, N.B. | Little Salmon River, N.B. | Stranded.... ..... ... | .... | Total loss, 700 |
| Nov. 10 | Sierra ... ..... (100,101) | 10 | " .. | " .. | 124 | Sydney, C.B., to Windsor, N.S. | Off coast of N.S., Atlantic Ocean. | Damaged in gale, leaking badly; condemned. | .... | Total loss, 2,500 |
| 1902. | | | | | | | | | | |
| Feb. 6 | Sirocco..... (100,059) | 11 | St. John, N.B. | " .. | 298 | Spring Lands, Br. Guiana, to New York, U.S.A. | Gulf Stream, 80 miles off Cape Hatteras, N. Atlantic. | Vessel hove to; lost fore and main sails and chain plates in gale. | .. . | Loss, 100 |
| ..... | Sarah..... ..... (59,302) | | St. Andrews, N.B. | " .. | 15 | ..... .. ..... . | Lubec, Me., U.S.A. .. | ..... ..... | .... | Total, 300 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| June | 3 | Shinano Maru | | Japanese | Steel, steam | | Seattle, Wash., U.S.A., to Victoria, B.C. | Victoria Harbour, B.C. | Collided with *Empress of Japan.* | | Trifling. | |
| " | 5 | Sam Slick (107,301) | 4 | Windsor, N.S. | Schr., wood, sail. | 90 | Cheverie, N.S., to Boston, Mass., U.S.A. | Stonnington, Me., U.S.A. | Struck on flat ledge | | | |
| " | 6 | Sahara (106,062) | 5 | Glasgow, Scot. | Schooner, iron, steam. | 2,665 | Rangoon, Sydney, C.B. to Montreal, P.Q. | Bicquette Island, St. Lawrence. | Had no pilot on board | | | |
| 1900. | | Two Sisters | 6 | Sydney, N.S | Schr., wood, sail. | 8 | Glace Bay, N.S. | | The vessel was beached and condemned. | | | |
| Oct. 1901. | 11 | Three Brothers (59,495) | 29 | Halifax, N.S. | " | 23 | Pictou, N.S., to Kelly's Cove, N.S. | Harbour of Port Felix, N.S. | Broke loose from moorings and went adrift. | | Total loss, | 225 |
| Aug. | 9 | Two Sisters (92,749) | 5 | Sackville, N.B | " | 86 | Sackville and St. John, N.B., to Salem, Mass. U.S.A. | Off Grand Manan, Charlotte Co., N.B., Bay of Fundy. | Vessel damaged in a squall. | | Partial loss, | 300 |
| 1898. | | Three Links | | " | " | 31 | St. John to Sackville, N.B. | Squaws Cap | | | Total loss. | |
| Nov. 1901. | 22 | Two Brothers (100,898) | 5 | Weymouth, N.S. | Schr., wood, sail. | 94 | Meteghan, N. S., to Portland, Me., U.S.A. | Little Duck Island, Mount Desert, U.S.A | Vessel stranded in a gale. | | Total loss. | |
| Dec. 1902. | 31 | Thistle (100,100) | 9 | St. John, N.B. | " | 123 | New York, U.S.A., to St. John, N.B. | Off Cape Cod, Mass., U.S.A. | Vessel encountered a gale and sustained damage to her sails and rigging. | | Partial loss, | 400 |
| Dec. | 25 | Tiber (65,203) | 31 | Montreal, P.Q. | Schr., iron, steam. | 1,134 | Louisburg, C.B., to Halifax, N.S. | Off Canso, N.S., North Atlantic. | Foundered with all hands. | 21 | Total loss. | |
| Mar. | 25 | Trusty (107,118) | 4 | Lunenburg, N.S. | Sloop, wood, steam. | 33 | Not on service | Bridgewater Harbour, N.S. | Accident while lying at wharf. | | Partial loss, | 1,500 |
| May 1901. | 28 | Thistle (92,346) | 15 | Québec, P.Q. | Schr., wood, sail. | 114 | North Sydney, N.S., to Quebec, P.Q. | St. Paul's Island, North Atlantic. | Struck in a fog | | Total loss, | 3,500 |
| Oct. 1902. | 10 | Urania | 13 | Norwegian | Schr., iron steam. | 1,580 | St. Thomas to London, Eng. | Isle aux Morts, River St. Lawrence. | Ignorance on part of pilot; vessel stranded; very serious casualty. | | Very serious casualty. | |
| Feb. 1901. | 11 | Umbrina (94,634) | 12 | Shelburne, N.S | Schr., wood, sail. | 99 | Victoria, B.C., sealing cruise. | Lat. 46° 35′ N., Long. 126° 25′ W., North Pacific. | Vessel damaged by shipping a heavy sea while hove to in a heavy gale. | | Partial loss, | 800 |
| Nov. | 23 | Violet N (94,726) | 13 | Digby, N.S. | " | 32 | Digby, N.S., to Westport, N.S. | Midway Digby Gut, Bay of Fundy, N.S. | Damage sustained by main chain plates. | | Damage, | 100 |

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Concluded.*

| Date of Casualty. | Name of Ship. | Age of Ship. | Port of Registry. | How Rigged. — Iron or Wood. — Steam or Sail. | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Cause and Nature of Casualty. | Lives lost. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1901. | | Y'rs | | | | | | | | | $ |
| Dec. 17 | Viola. (97,186) | 10 | Windsor, N.S. | Schr., wood, sail. | 124 | New York, U.S.A., to St. John, N.B. | West side Vineyard Haven Harb'r, Mass. U.S.A. | Vessel damaged in a gale and foundered. | .... | Partial loss, | 800 |
| 1902. | | | | | | | | | | | |
| June 6 | Victoria (87,093) | 19 | Victoria, B.C. | Schr., iron, steam. | 1,506 | San Francisco, U.S.A., to Unalaska. | Tricomali Channel, B.C | Struck on uncharted rock | .... | " | 10,000 |
| 1900. | | | | | | | | | | | |
| Oct. 10 | Wawbeek. .... | 17 | St. John, N.B. | Schr., wood, sail. | 100 | Salem, Mass., U.S.A., to Hillsboro', N.B. | 4 miles from Thatchers Isld, near Cape Ann, Boston, Mass., U.S.A | Encountered a heavy storm and capsized. | 1 | Total loss. | |
| " | — W. K. Smith.... | 9 | Digby, N.S... | " .. | 98 | Portland, Me., U.S.A., Rockland, to Yarmouth, N.S. | 50 miles south of Cape Sable, N.S. | Caught fire; no particulars. | .... | " | 2,500 |
| 1901. | | | | | | | | | | | |
| June 26 | Walleda..... | 9 | Parrsboro', N.S. | " .. | 249 | Sekondi, Africa, to Acera, Africa. | Near Acera, west coast of Africa. | Vessel stranded..... | ... | " | 6,000 |
| Oct. 25 | Will Carleton... (94,430) | 12 | Barrington, N.S. | " .. | 88 | Port Hood, C.B., to Port La Tour, N.S. | Liscomb Light, Black River Ledge, south shore, N.S. | Vessel struck on ledge and filled with water in 20 minutes casualty attributed to rough weather and error in judgment. | ... | " Cargo, | 1,600 456 |
| Dec. 4 | Westfield..... (85,574) | 18 | St. John, N.B. | " .. | 80 | Point Wolf, St. John Co., N.B., to St. John, N.B. | Wreck first seen 12 m. north of Digby Gut, N.S., Bay of Fundy. | Vessel driven from her anchorage near Quaco, N.B., in a terrible gale; first seen near Digby Gut, N.S.; master and crew never heard of. | 4 | Total loss, | 1,000 |
| Nov. 4 | William G. Gordon ..(107,280) | 1½ | Liverpool, N.S | Schr., iron, sail. | 99 | Liverpool, N.S., to Barbadoes, W.I. | Liverpool River, N.S.. | Vessel badly damaged by fire while loading. | .... | Partial loss, Cargo, | 3,000 50 |

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| Aug. 21 | Willie (74,317) | 25 | Yarmouth, N.S. | Schr., wood, sail. | 22 | Westport to Halifax, N.S. | Gannet Rock Ledges, near Yarmouth, N.S. | Stranded.. | .... | Total loss, 200<br>Cargo, 800 |
| ..... | Yosemite (83,455) | 40 | Victoria, B.C. | Wood, steam.. | 1,055 | Victoria, B.C., to Vancouver, B.C. | West Bay, off Berens Island, B.C. | In collision with the str. *Majestic*. | .... | Loss, 30 |
| May 13 | Zanzibar (98,192) | 11 | London, Eng.. | Schr., iron, steam. | 1,919 | Sydney, C.B., to Montreal, P.Q. | Matane, Gulf of St. Lawrence. | Stranded in fog | .... | Trifling casualty. |

B'D. MAR 1914